Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012220\

Quantitation Report (Not Reviewed)

Data File : BE101117.D
Acq On : 22 Jan 2020 16:40
Operator : CG/JU
Sample : L1148-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SB-29-(4-6)MS

Quant Time: Jan 23 04:06:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 2624 | 0.40 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.50 | 136 | 11762 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.36 | 164 | 7040 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.09 | 188 | 15680 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.27 | 240 | 16537 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.69 | 264 | 20938 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 1813 | 0.31 | ng | | 0.00 |
| 5) Phenol-d6 | 6.91 | 99 | 2924 | 0.39 | ng | | -0.01 |
| 8) Nitrobenzene-d5 | 8.87 | 82 | 2286 | 0.27 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.09 | 152 | 5533 | 0.25 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.85 | 330 | 390 | 0.20 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.99 | 172 | 7302 | 0.27 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.12 | 212 | 49006 | 0.23 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.72 | 244 | 12865 | 0.32 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 2711 | 0.441 | ng | # | 52 |
| 3) n-Nitrosodimethylamine | 3.59 | 42 | 925 | 0.254 | ng | # | 74 |
| 6) bis(2-Chloroethyl)ether | 7.15 | 93 | 2023 | 0.227 | ng | | 97 |
| 9) Naphthalene | 10.54 | 128 | 61570 | 0.471 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.83 | 225 | 1429 | 0.258 | ng | | 99 |
| 12) 2-Methylnaphthalene | 12.17 | 142 | 6919 | 0.350 | ng | | 98 |
| 16) Acenaphthylene | 14.07 | 152 | 11392 | 0.397 | ng | | 99 |
| 17) Acenaphthene | 14.41 | 154 | 6065 | 0.296 | ng | | 97 |
| 18) Fluorene | 15.39 | 166 | 9338 | 0.360 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.29 | 248 | 1967 | 0.257 | ng | | 98 |
| 21) Hexachlorobenzene | 16.40 | 284 | 2076 | 0.247 | ng | | 99 |
| 22) Pentachlorophenol | 16.75 | 266 | 8 | 0.253 | ng | # | 74 |
| 23) Phenanthrene | 17.13 | 178 | 31363 | 0.732 | ng | | 99 |
| 24) Anthracene | 17.23 | 178 | 17155 | 0.425 | ng | | 96 |
| 26) Fluoranthene | 19.15 | 202 | 44563 | 0.831 | ng | | 100 |
| 28) Pyrene | 19.51 | 202 | 48675 | 0.791 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 33155 | 0.703 | ng | | 95 |
| 31) Chrysene | 21.30 | 228 | 36800 | 0.525 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 55676 | 0.708 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 33262 | 0.600 | ng | | 96 |
| 35) Benzo(b)fluoranthene | 22.95 | 252 | 39071 | 0.665 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.95 | 252 | 39071 | 0.459 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.58 | 252 | 33966 | 0.598 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 26.27 | 278 | 16985 | 0.325 | ng | # | 94 |
| 39) Benzo(g,h,i)perylene | 27.02 | 276 | 33033 | 0.514 | ng | | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

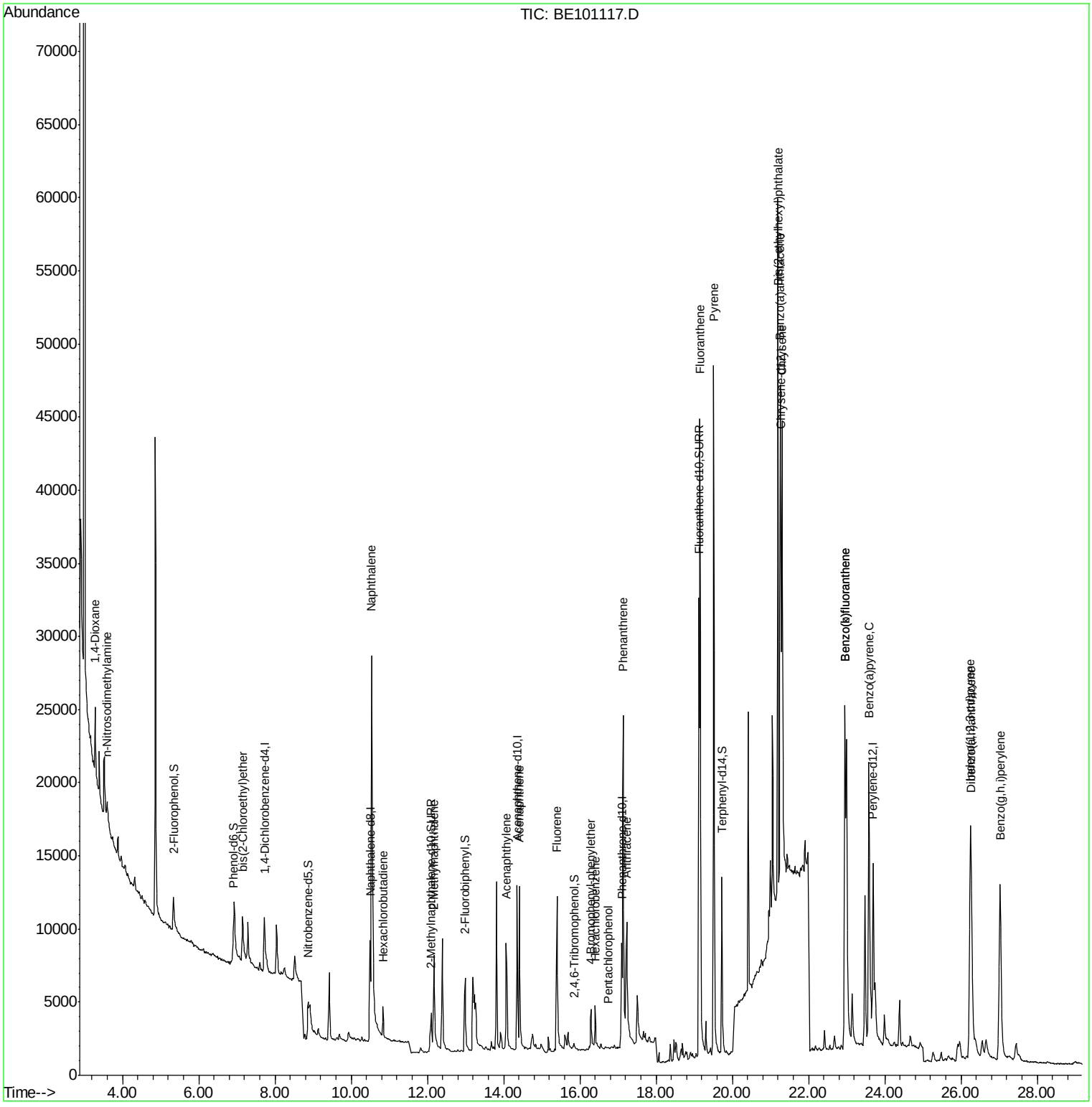
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012220\

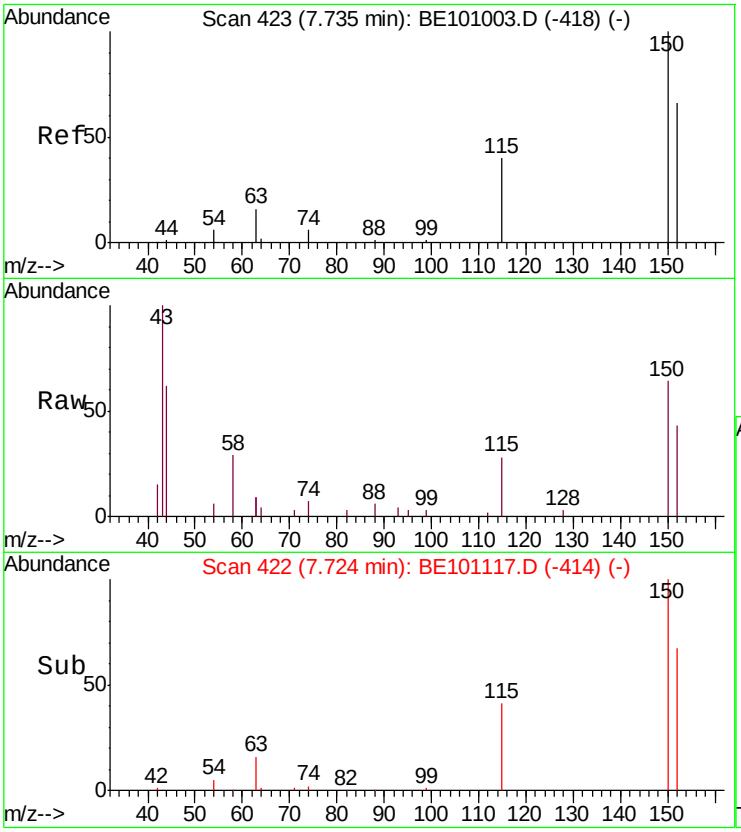
Quantitation Report (Not Reviewed)

Data File : BE101117.D
Acq On : 22 Jan 2020 16:40
Operator : CG/JU
Sample : L1148-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Quant Time: Jan 23 04:06:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



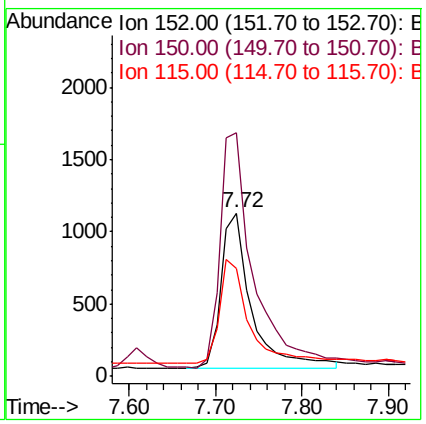


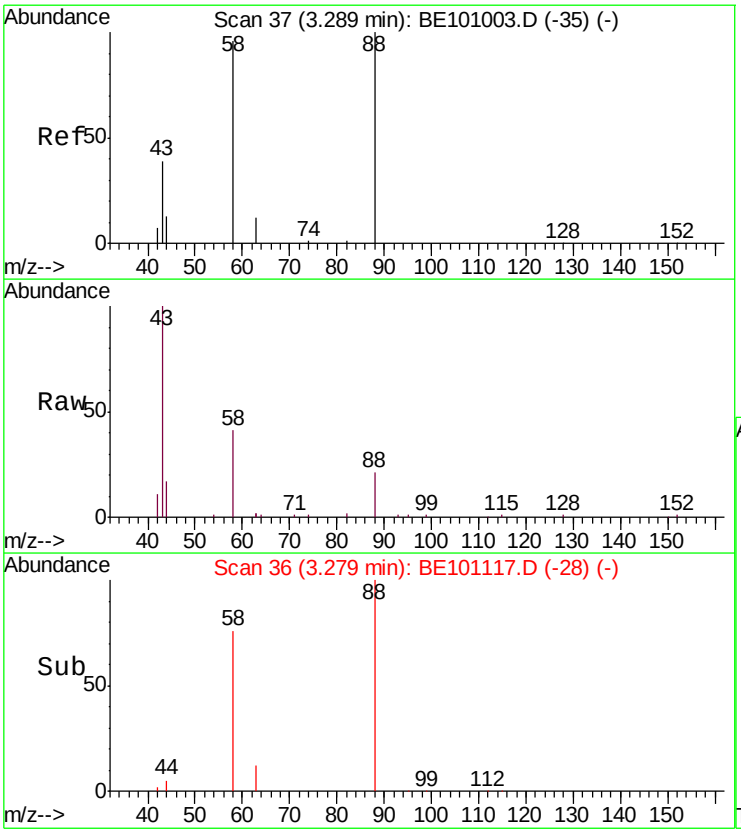

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:152 Resp: 2624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.9 | 120.3 | 180.5 |
| 115 | 65.8 | 51.7 | 77.5 |

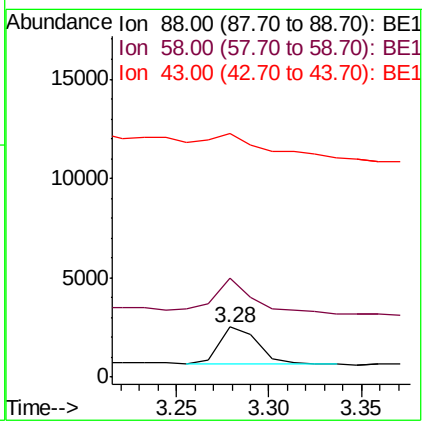


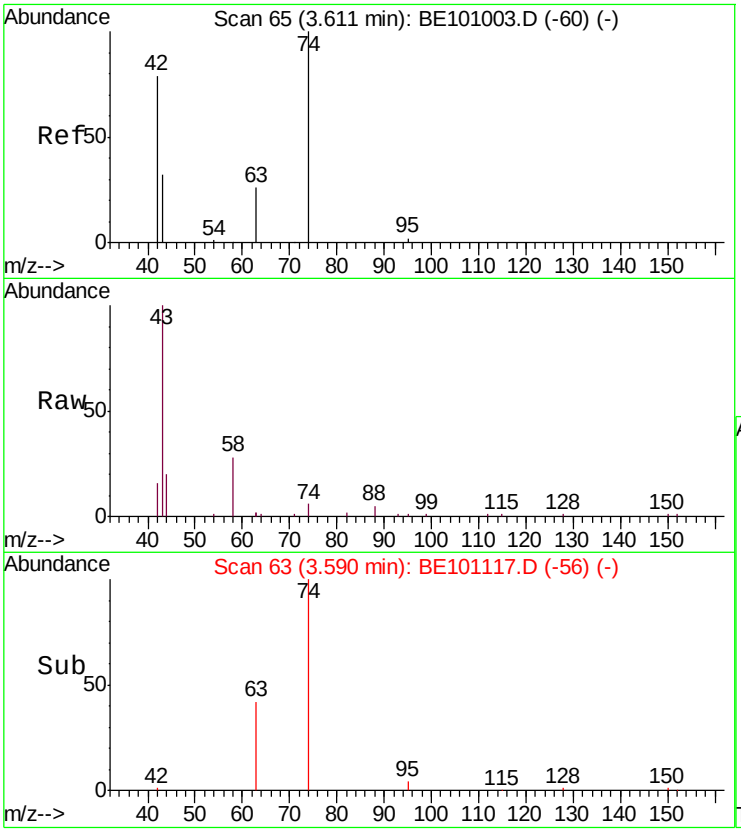




#2
1,4-Dioxane
Concen: 0.441 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion: 88 Resp: 2711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 102.2 | 53.0 | 79.4# |
| 43 | 0.0 | 23.4 | 35.2# |



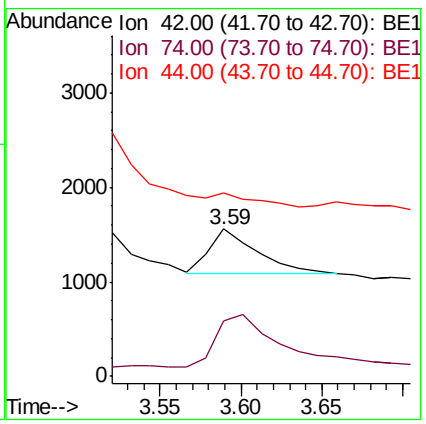


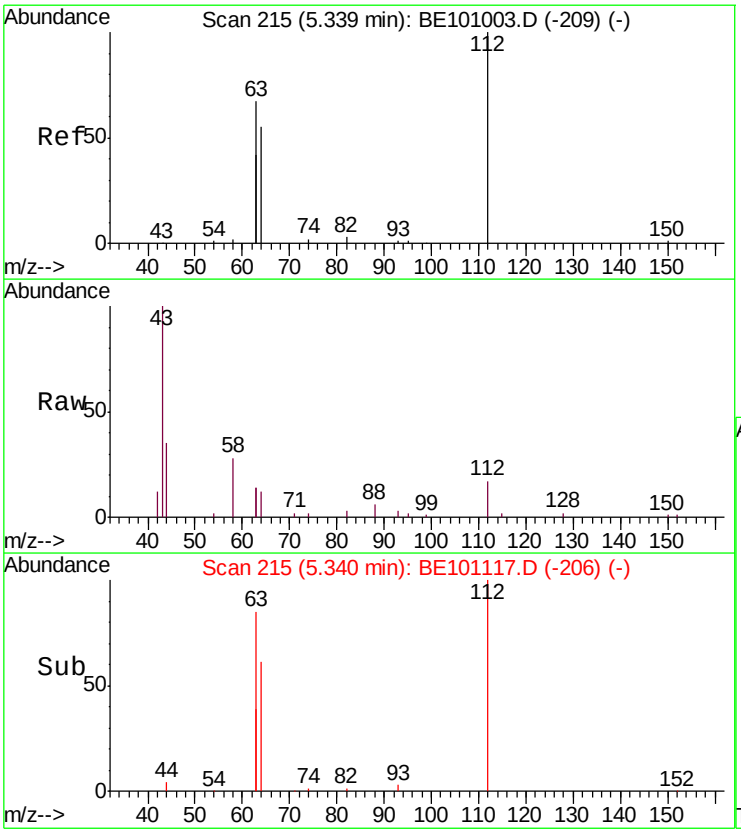

#3
n-Nitrosodimethylamine
Concen: 0.254 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.02 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion: 42 Resp: 925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 162.6 | 105.7 | 158.5# |
| 44 | 0.0 | 10.0 | 15.0# |

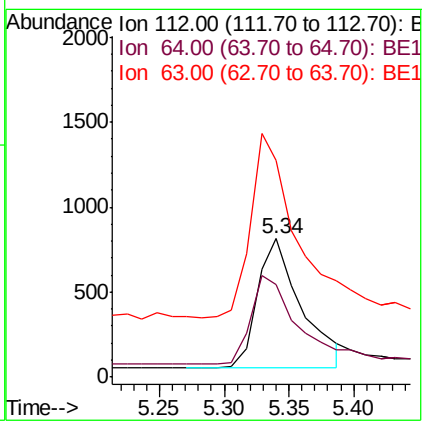


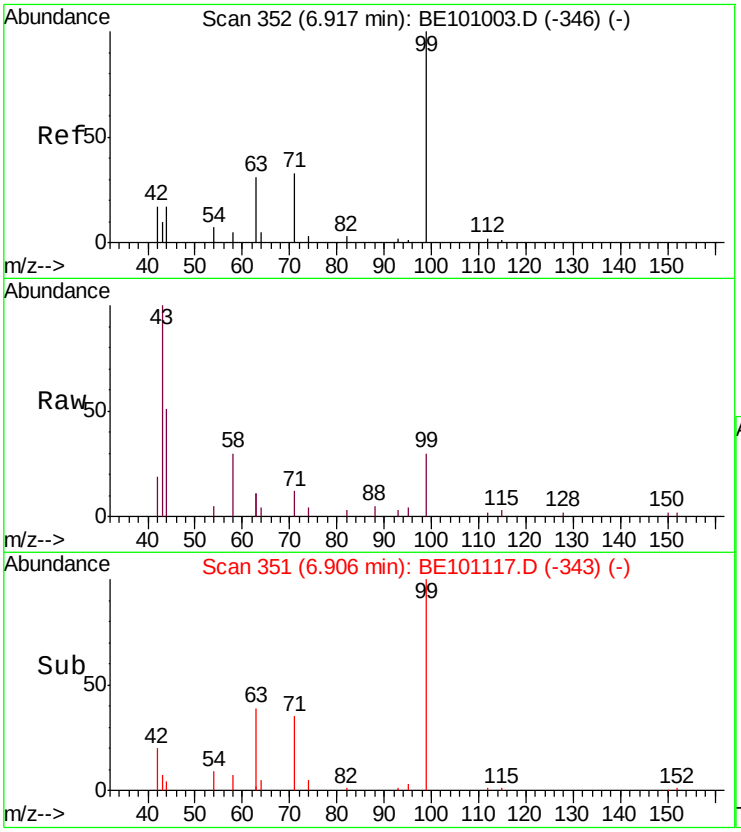




#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:112 Resp: 1813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.1 | 53.6 | 80.4 |
| 63 | 144.7 | 114.6 | 172.0 |



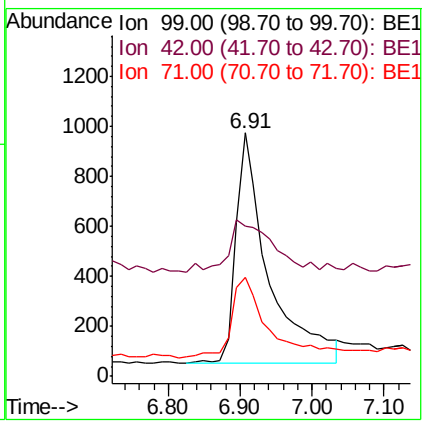


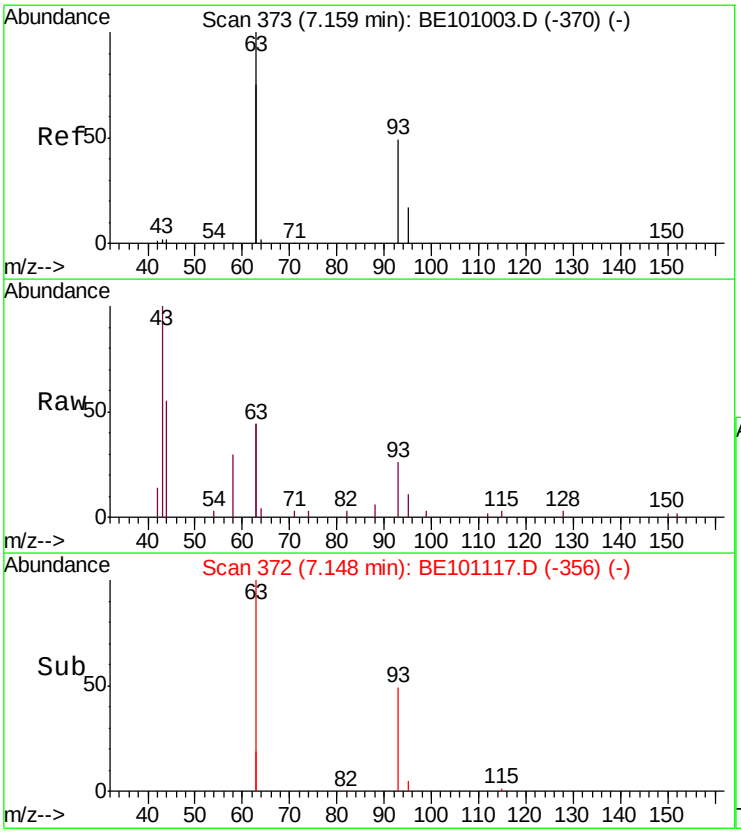

#5
Phenol-d6
Concen: 0.391 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion: 99 Resp: 2924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.8 | 18.3 | 27.5# |
| 71 | 37.0 | 28.0 | 42.0 |

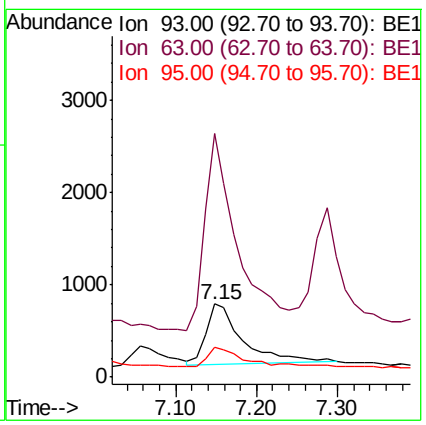


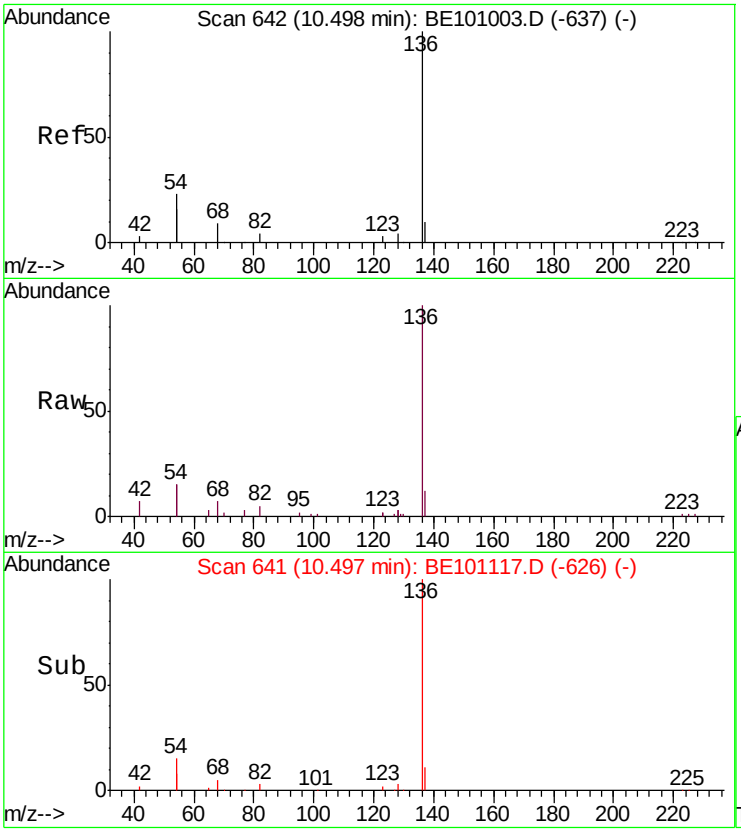




#6
bis(2-Chloroethyl)ether
Concen: 0.227 ng
RT: 7.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion: 93 Resp: 2023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 296.5 | 233.9 | 350.9 |
| 95 | 34.1 | 23.5 | 35.3 |



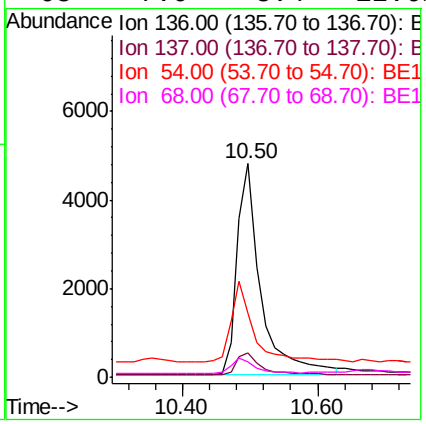


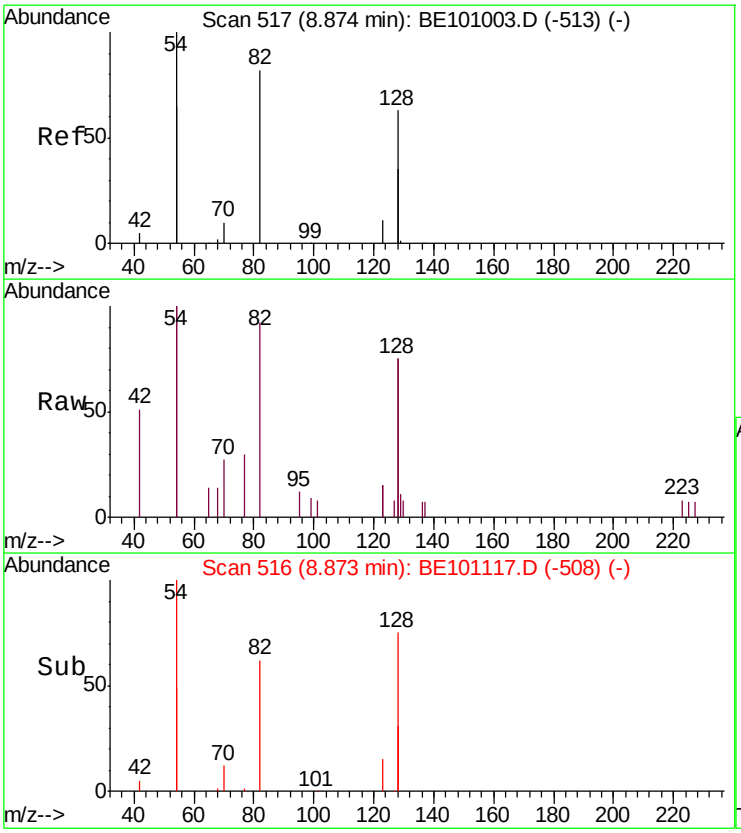

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:136 Resp: 11762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 9.3 | 13.9 |
| 54 | 29.7 | 36.8 | 55.2# |
| 68 | 7.0 | 8.4 | 12.6# |

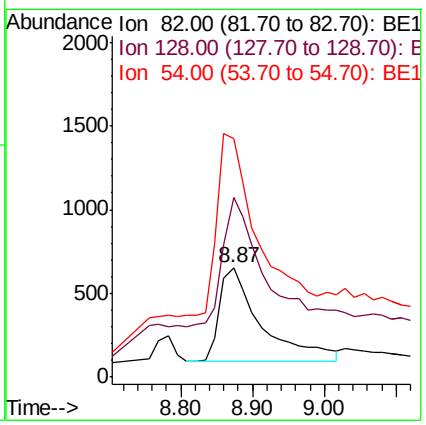


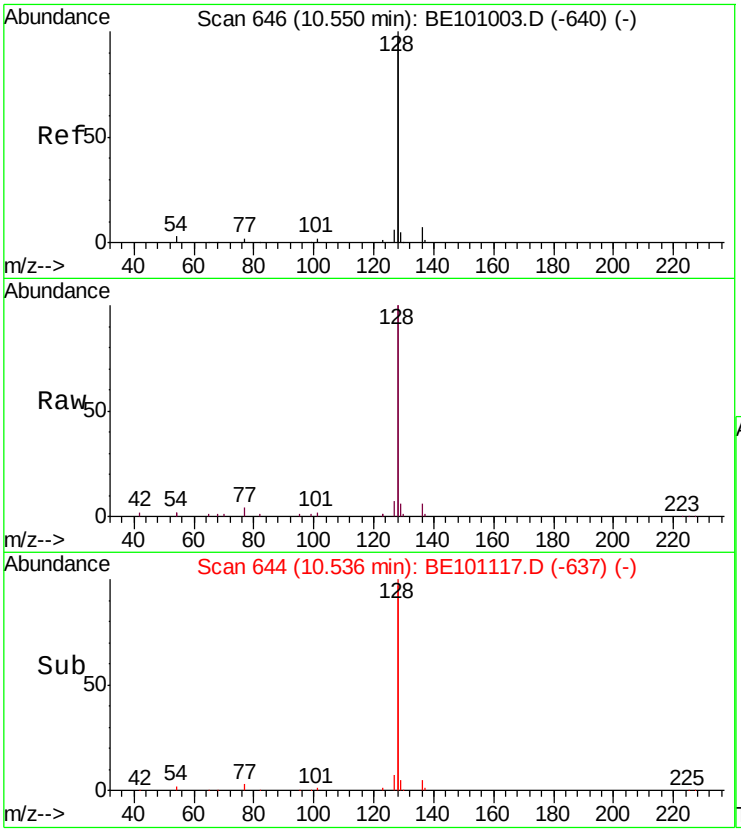




#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion: 82 Resp: 2286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 164.5 | 109.8 | 164.6 |
| 54 | 218.4 | 174.5 | 261.7 |



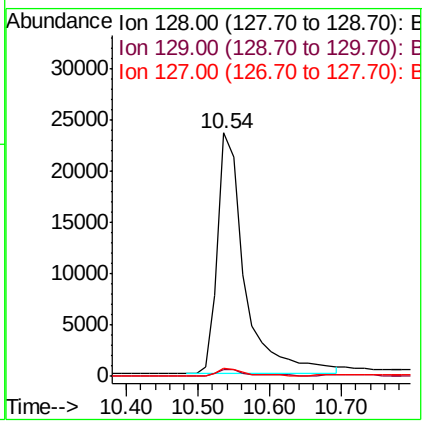


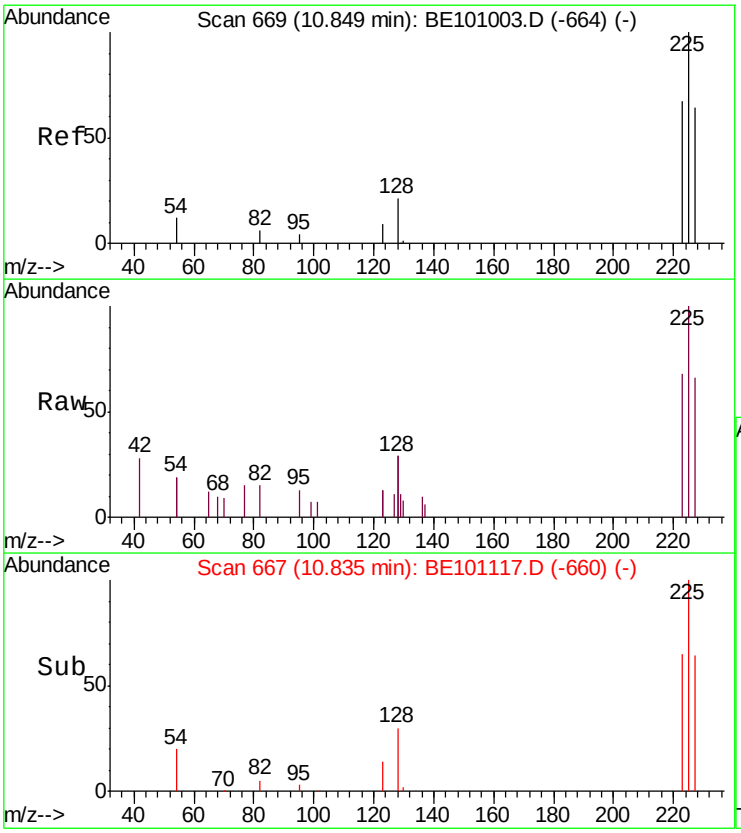

#9
Naphthalene
Concen: 0.471 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:128 Resp: 61570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.9 | 2.3 | 3.5 |
| 127 | 3.5 | 2.7 | 4.1 |

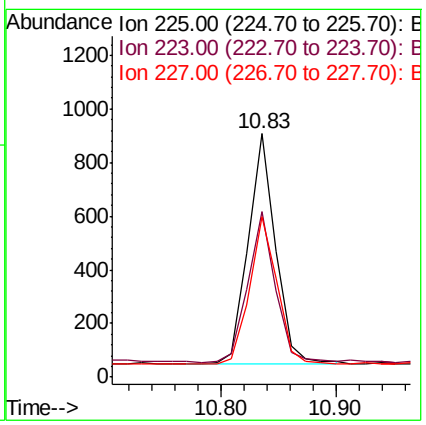


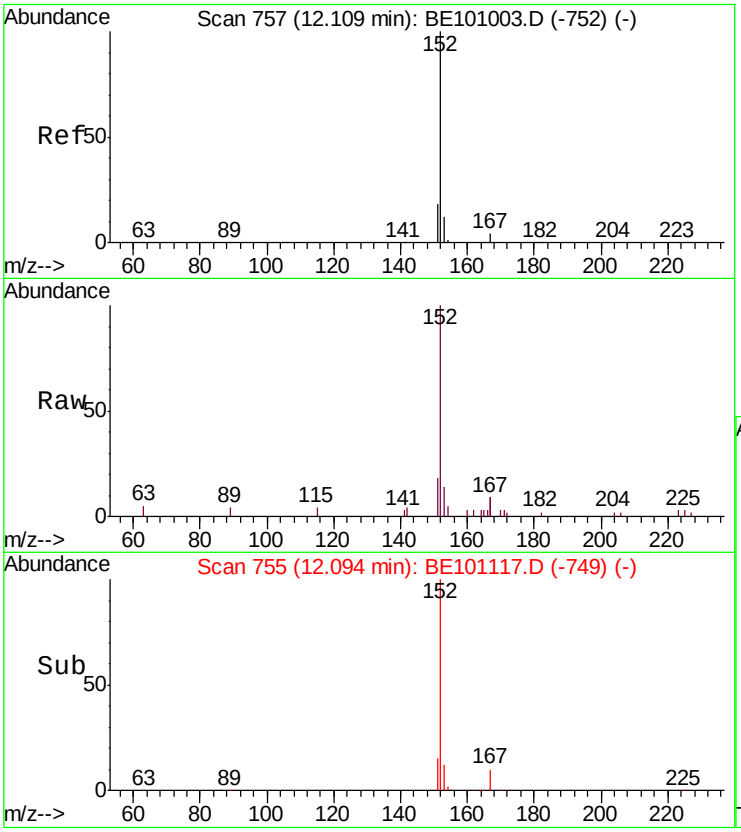




#10
Hexachlorobutadiene
Concen: 0.258 ng
RT: 10.83 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:225 Resp: 1429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.4 | 52.2 | 78.4 |
| 227 | 64.4 | 49.9 | 74.9 |



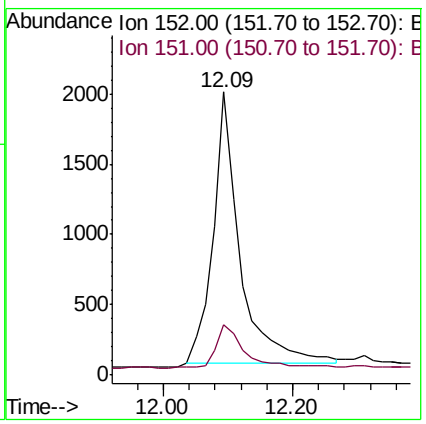


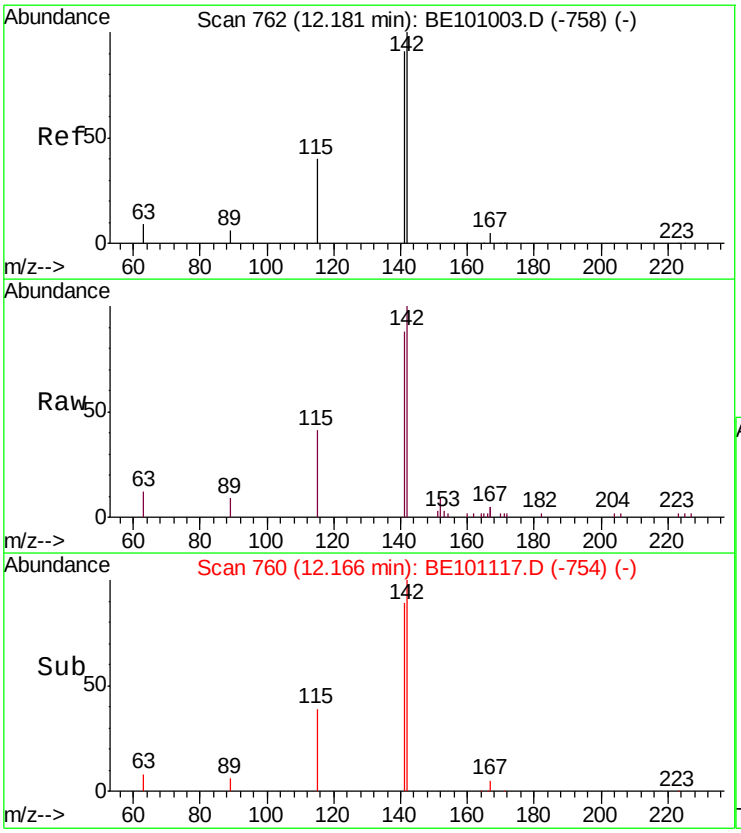

#11
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:152 Resp: 5533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 16.3 | 15.0 | 22.6 |

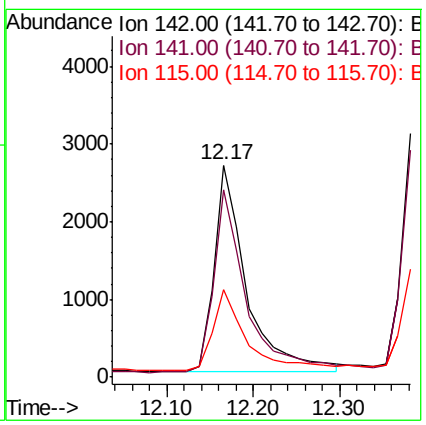


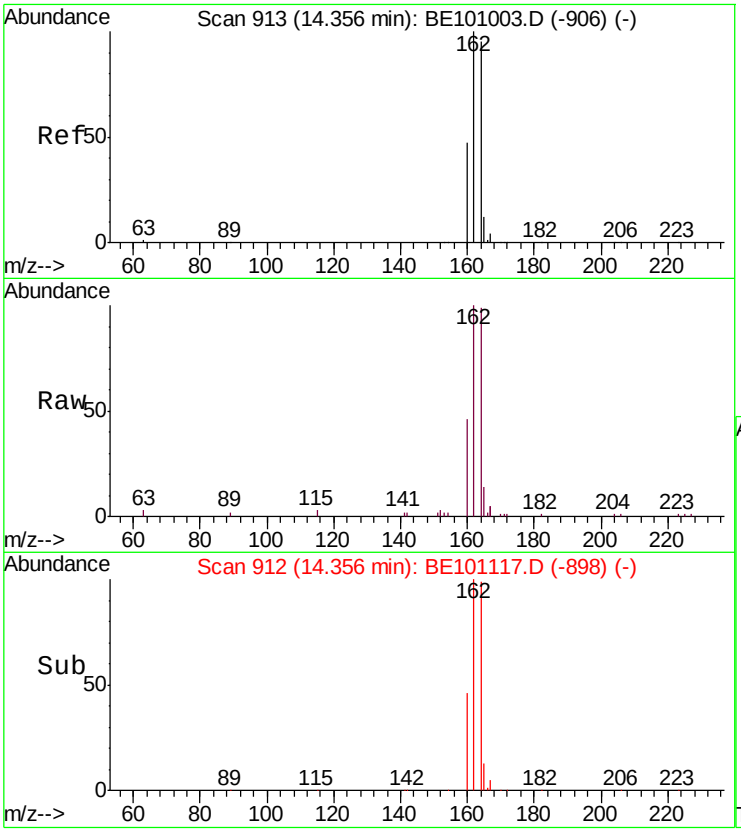




#12
2-Methylnaphthalene
Concen: 0.350 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:142 Resp: 6919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 72.5 | 108.7 |
| 115 | 41.0 | 33.0 | 49.6 |



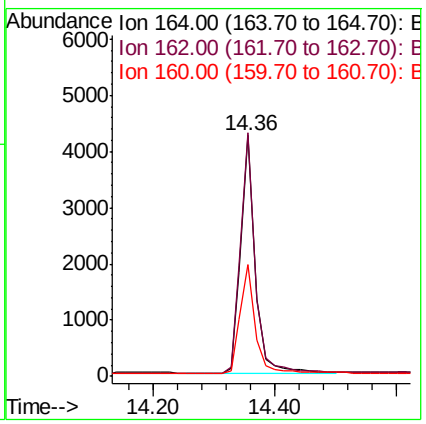


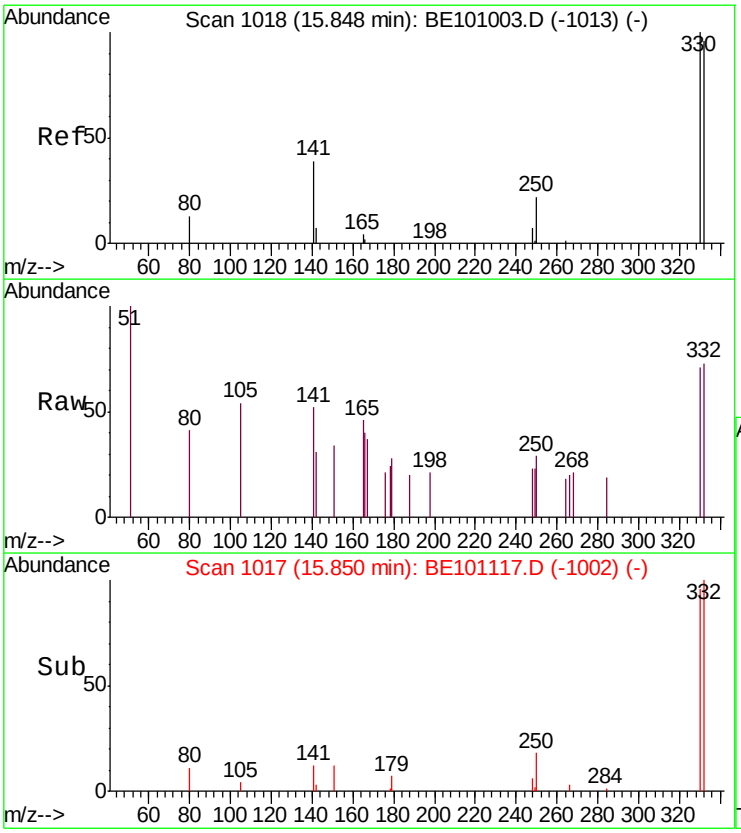

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:164 Resp: 7040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.1 | 84.1 | 126.1 |
| 160 | 46.5 | 40.4 | 60.6 |

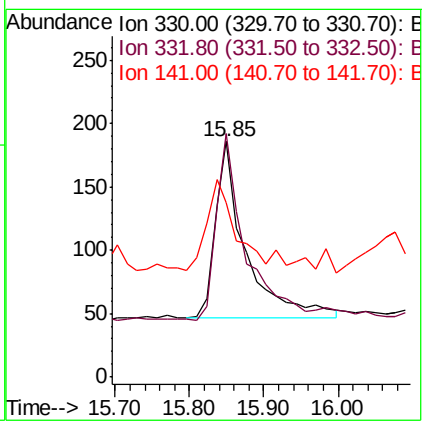


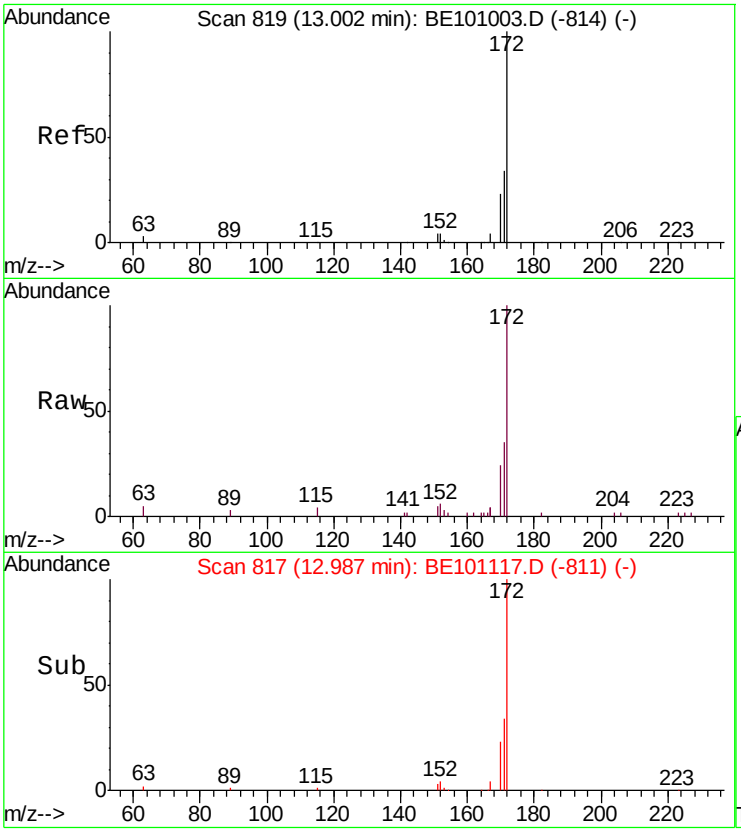




#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:330 Resp: 390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 102.1 | 78.4 | 117.6 |
| 141 | 48.7 | 37.0 | 55.4 |



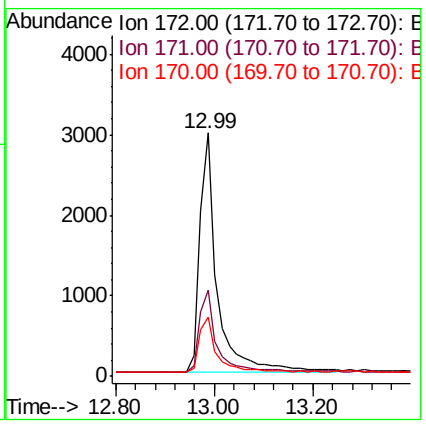


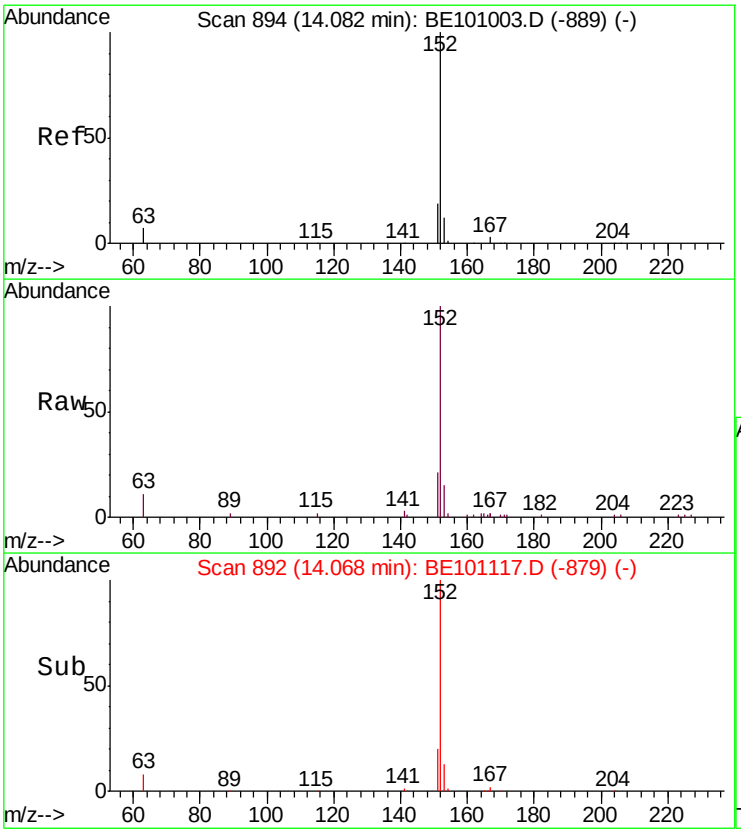

#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:172 Resp: 7302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.2 | 42.2 |
| 170 | 24.4 | 18.9 | 28.3 |

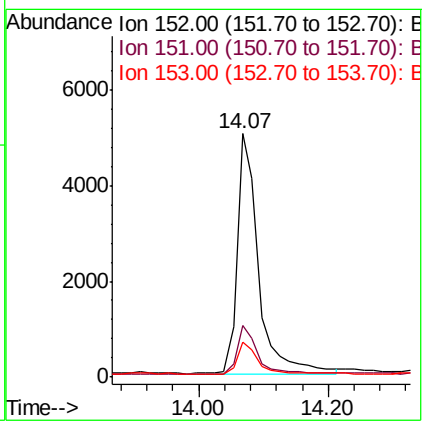


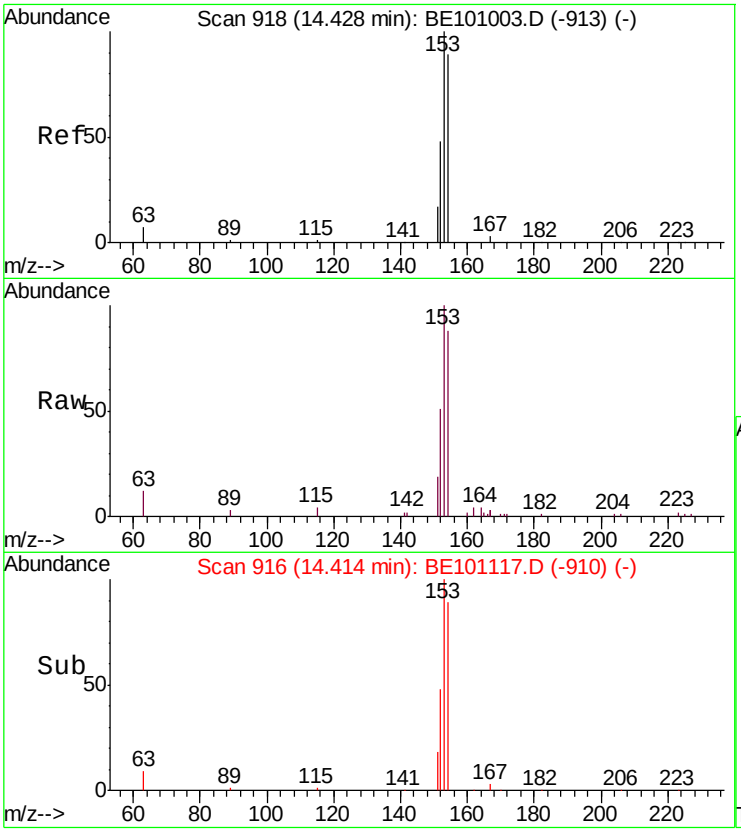




#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:152 Resp: 11392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.5 | 23.3 |
| 153 | 12.9 | 10.4 | 15.6 |



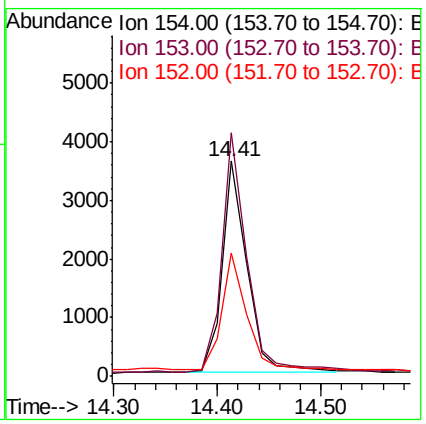


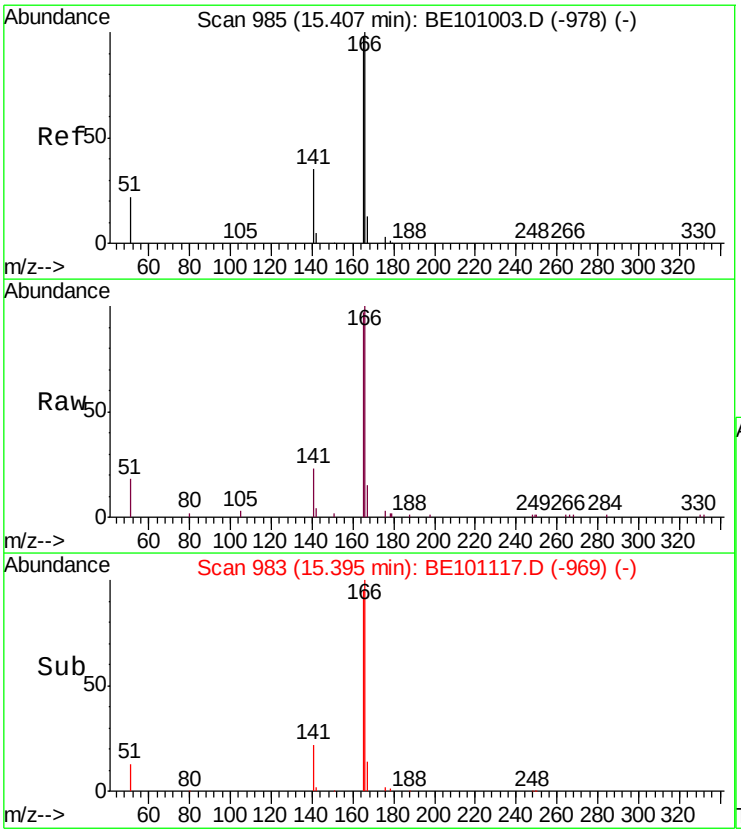

#17
Acenaphthene
Concen: 0.296 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:154 Resp: 6065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.4 | 93.6 | 140.4 |
| 152 | 54.6 | 46.3 | 69.5 |

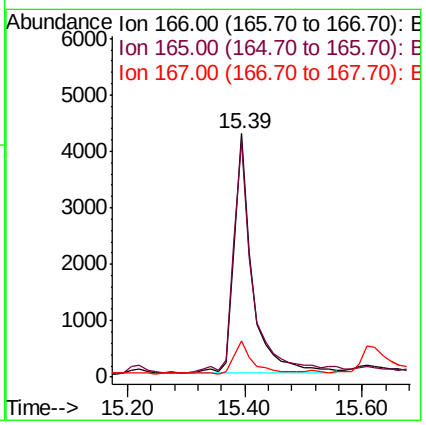


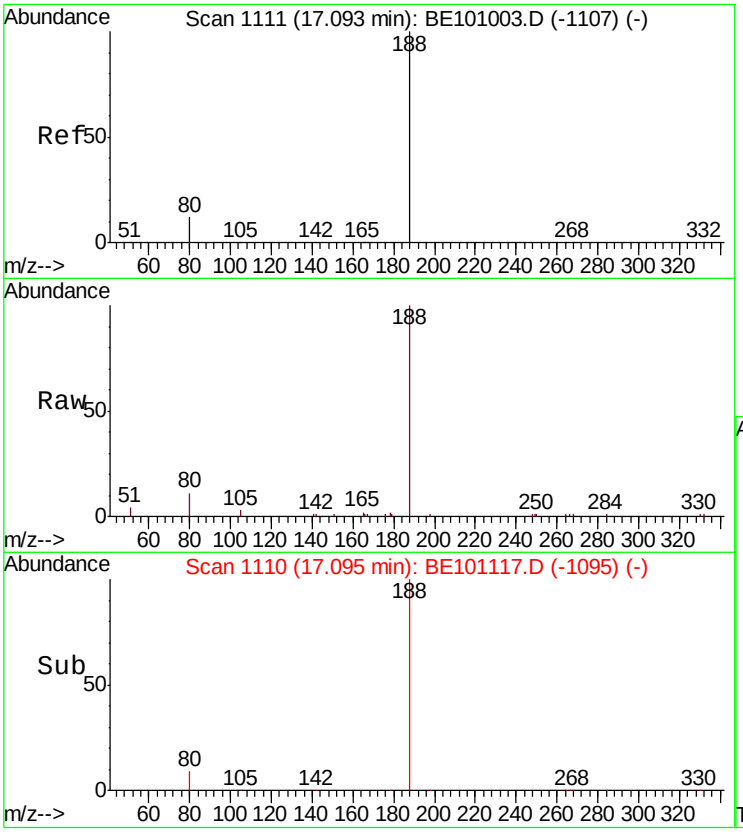




#18
Fluorene
Concen: 0.360 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:166 Resp: 9338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.9 | 79.8 | 119.8 |
| 167 | 13.4 | 11.0 | 16.6 |



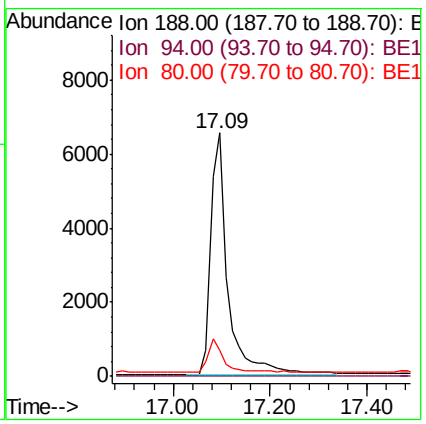


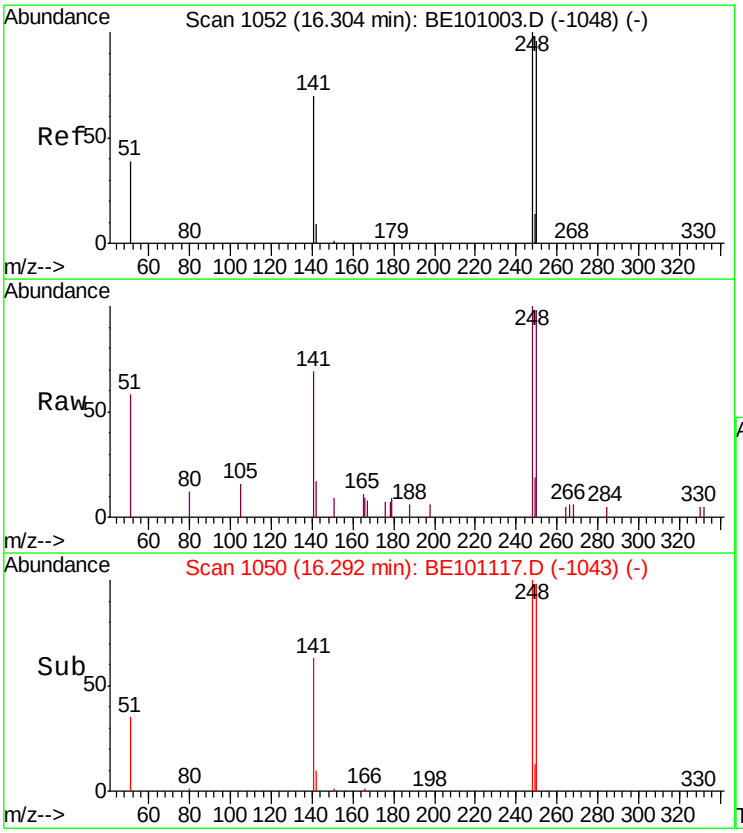

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:188 Resp: 15680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.8 | 10.8 | 16.2 |

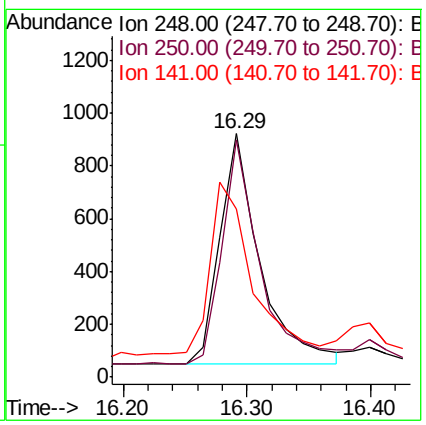


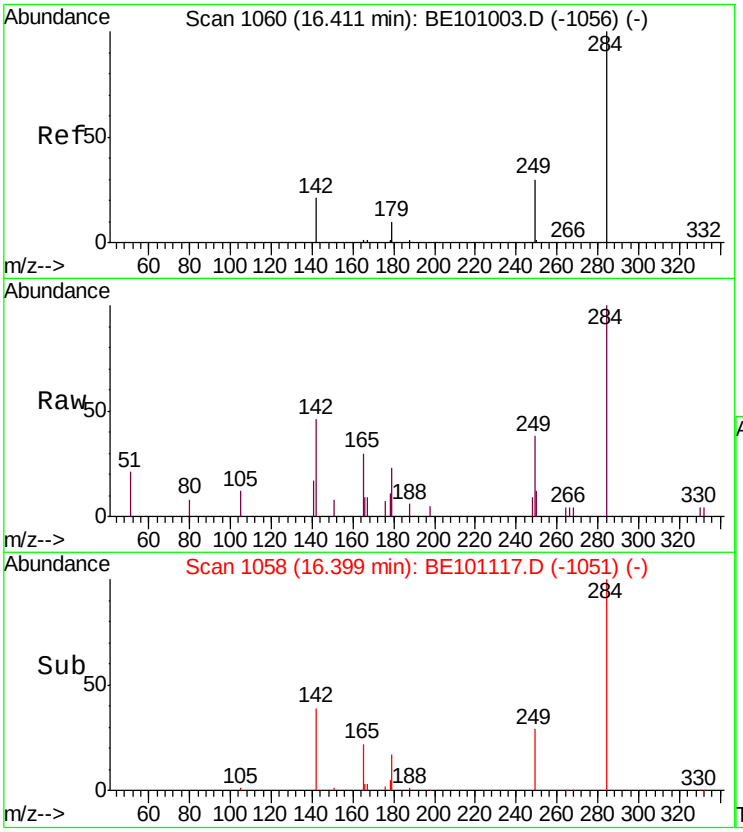




#20
4-Bromophenyl-phenylether
Concen: 0.257 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:248 Resp: 1967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.5 | 76.6 | 115.0 |
| 141 | 69.2 | 57.7 | 86.5 |



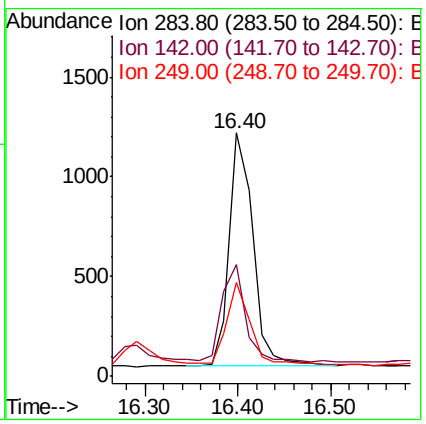


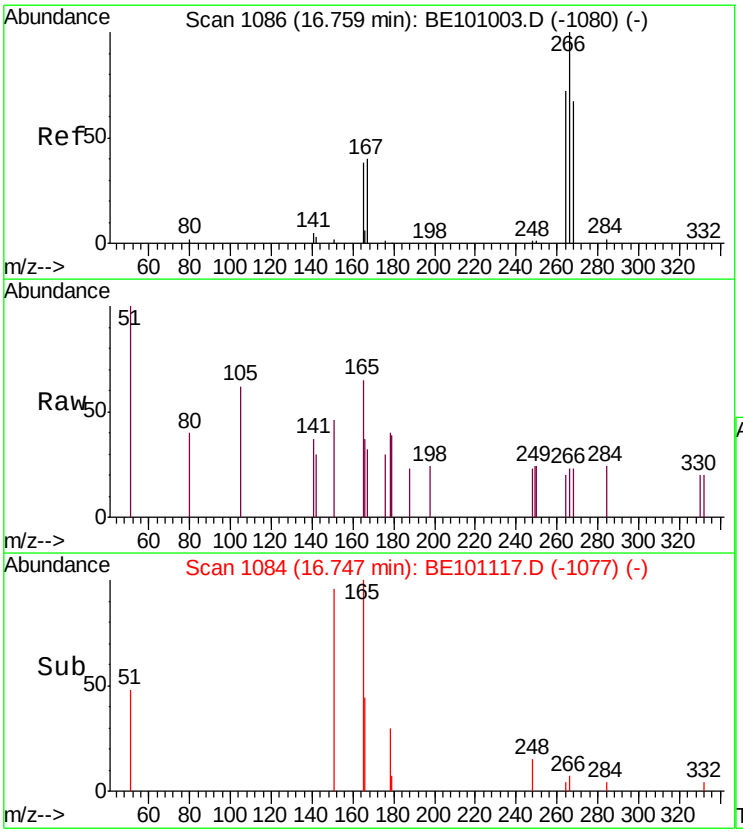

#21
Hexachlorobenzene
Concen: 0.247 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:284 Resp: 2076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 42.0 | 34.0 | 51.0 |
| 249 | 34.5 | 28.2 | 42.4 |

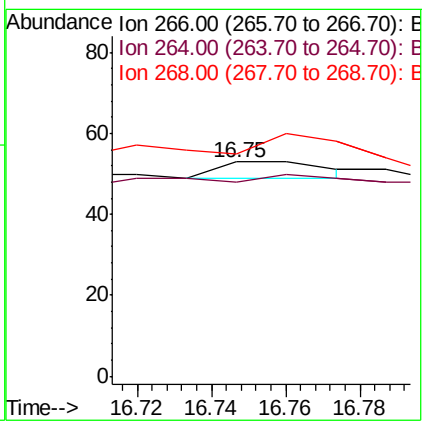


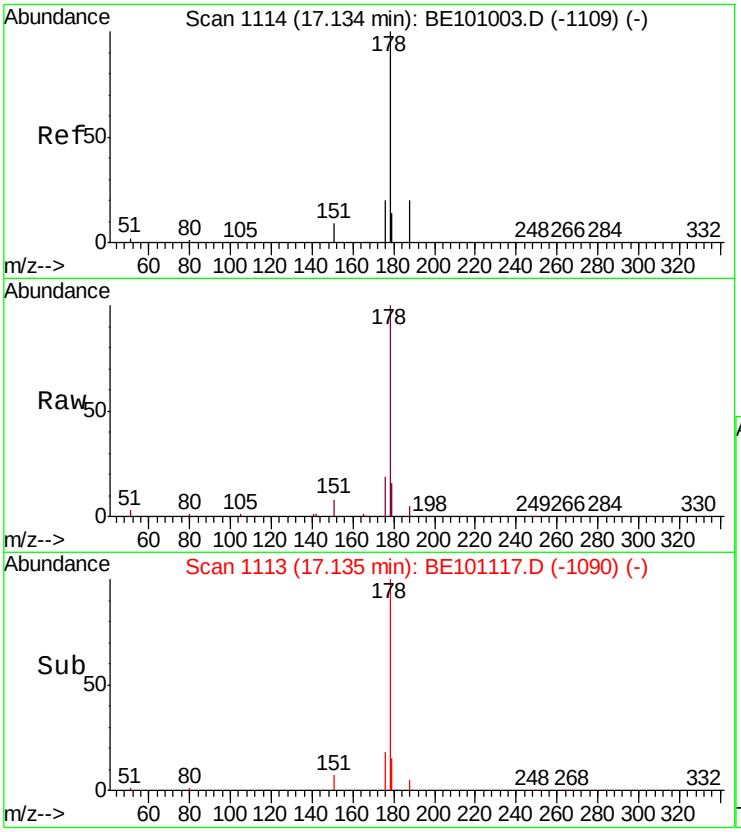




#22
Pentachlorophenol
Concen: 0.253 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:266 Resp: 8

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 90.6 | 61.0 | 91.4 |
| 268 | 103.8 | 58.5 | 87.7# |



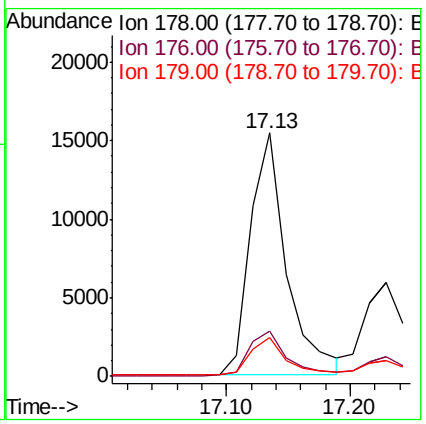


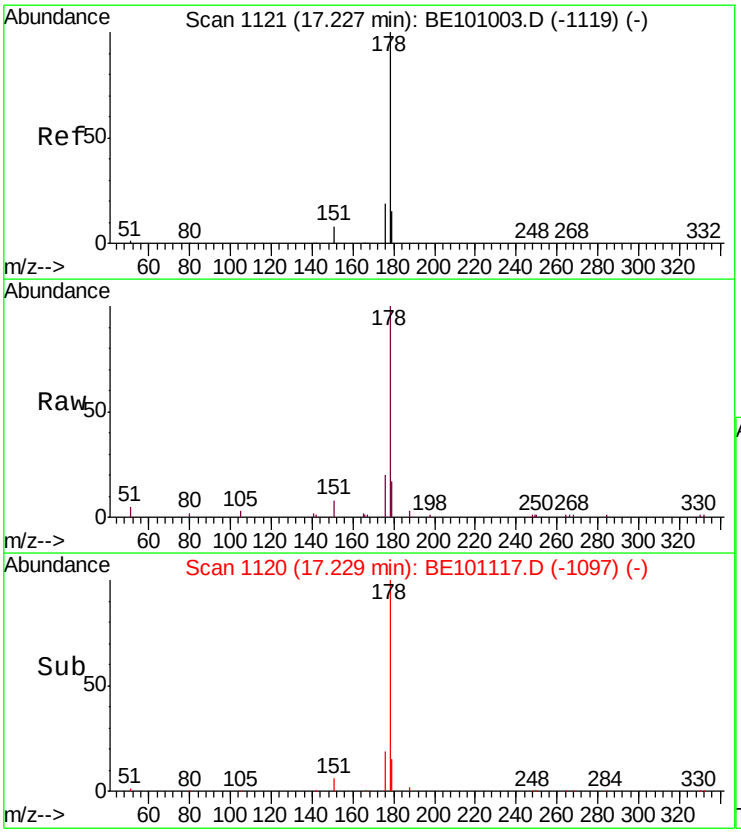

#23
Phenanthrene
Concen: 0.732 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:178 Resp: 31363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.7 | 23.5 |
| 179 | 15.6 | 12.0 | 18.0 |

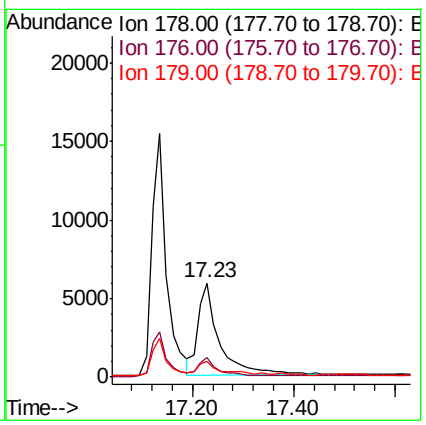


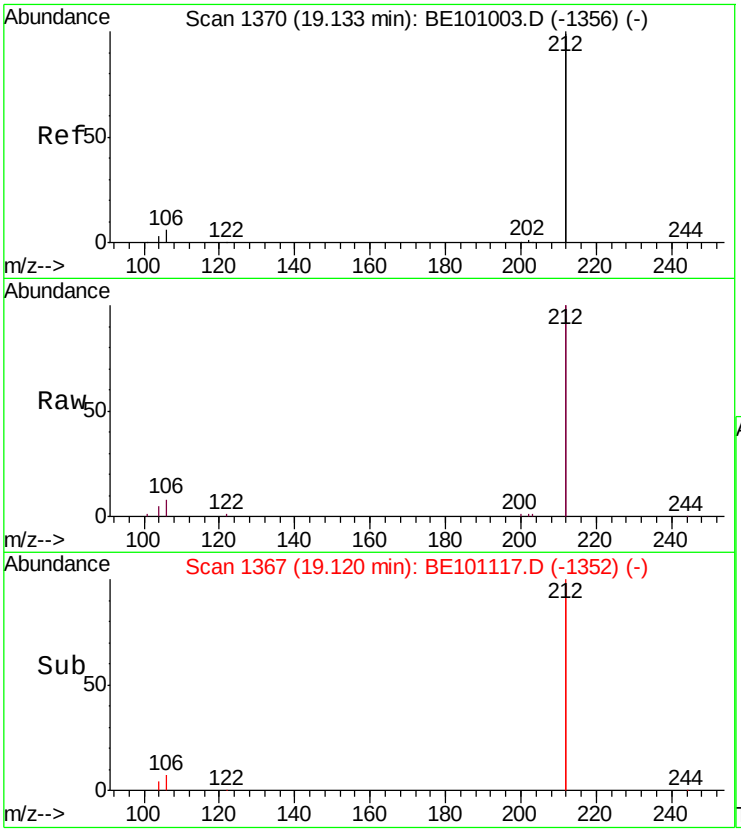




#24
Anthracene
Concen: 0.425 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:178 Resp: 17155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 14.8 | 22.2 |
| 179 | 12.6 | 12.4 | 18.6 |



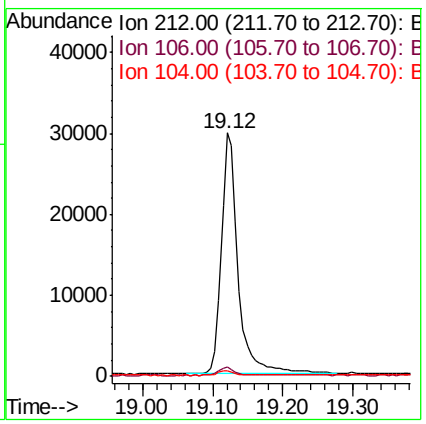


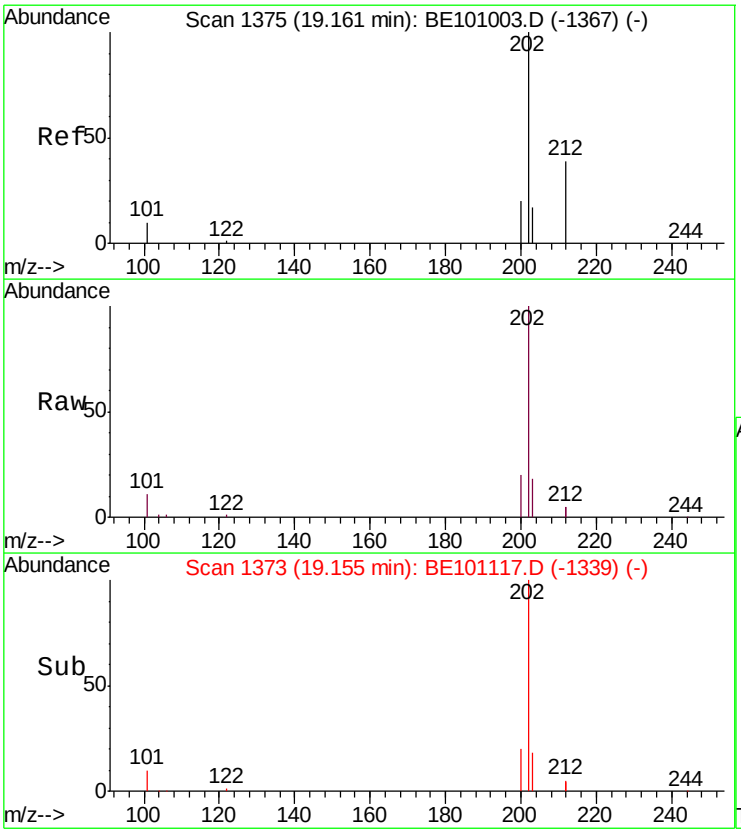

#25
Fluoranthene-d10
Concen: 0.225 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:212 Resp: 49006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.4 | 2.6 | 3.8 |
| 104 | 2.2 | 1.4 | 2.0# |

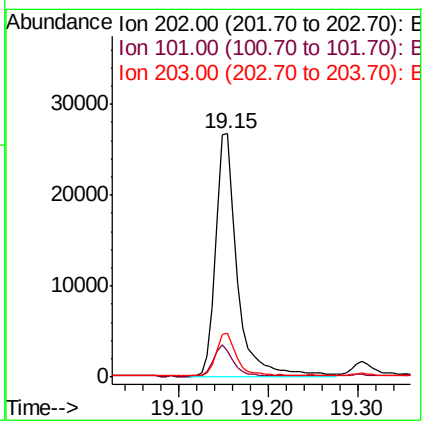


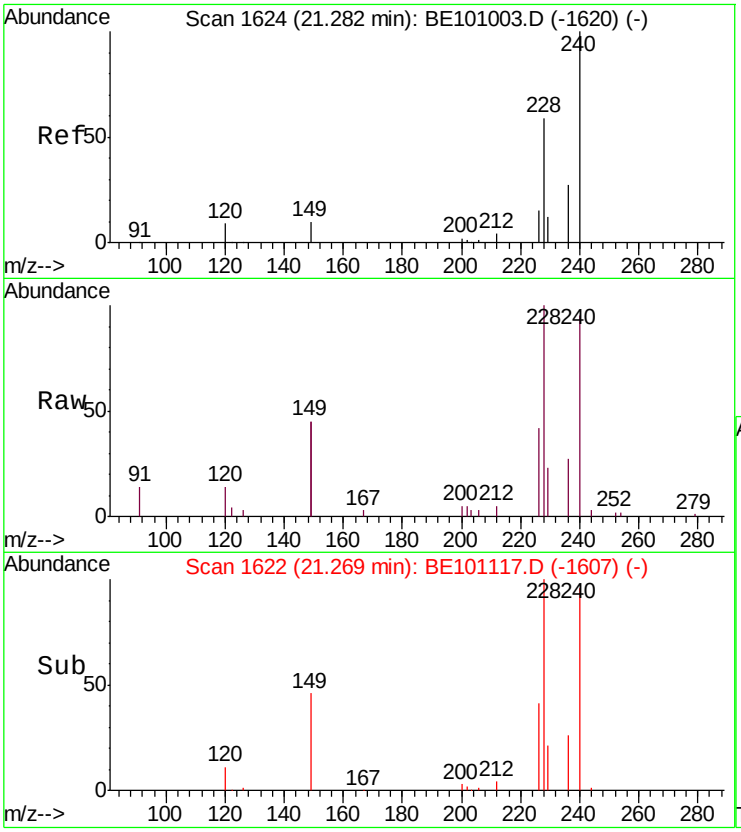




#26
Fluoranthene
Concen: 0.831 ng
RT: 19.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:202 Resp: 44563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.0 | 9.6 | 14.4 |
| 203 | 17.2 | 13.8 | 20.6 |



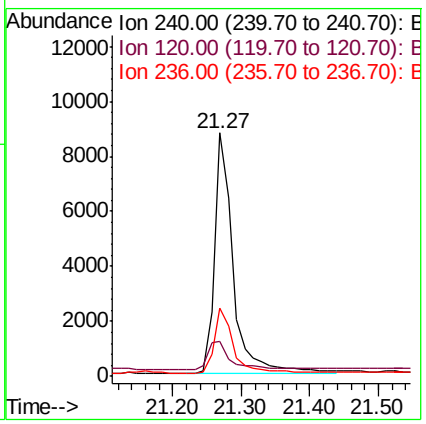


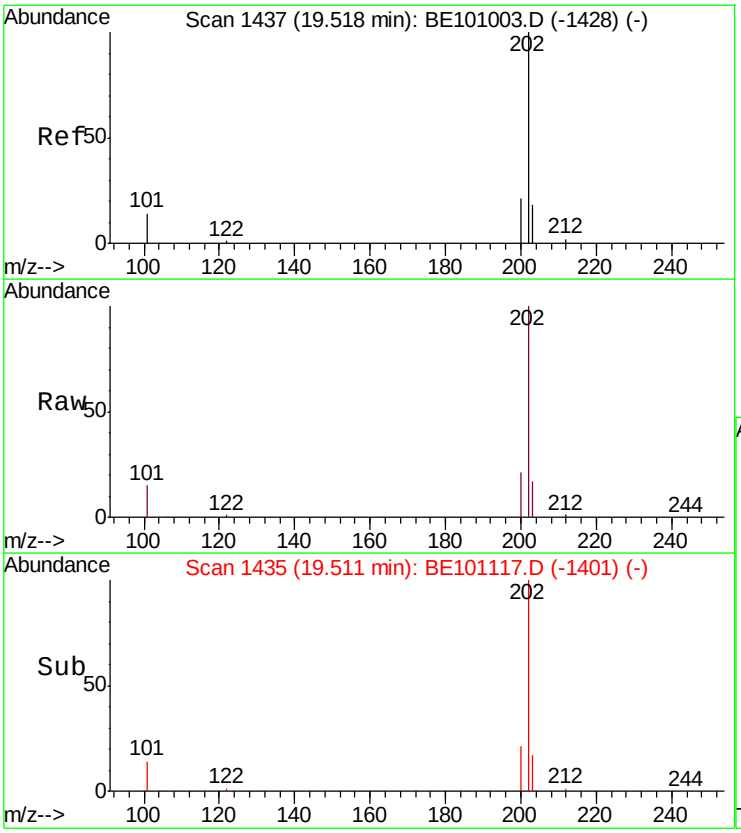

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:240 Resp: 16537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.2 | 8.6 | 13.0# |
| 236 | 28.1 | 22.2 | 33.4 |

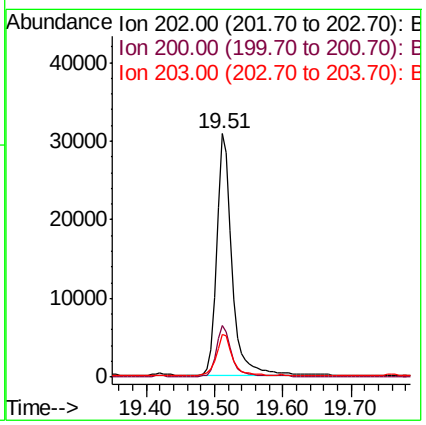


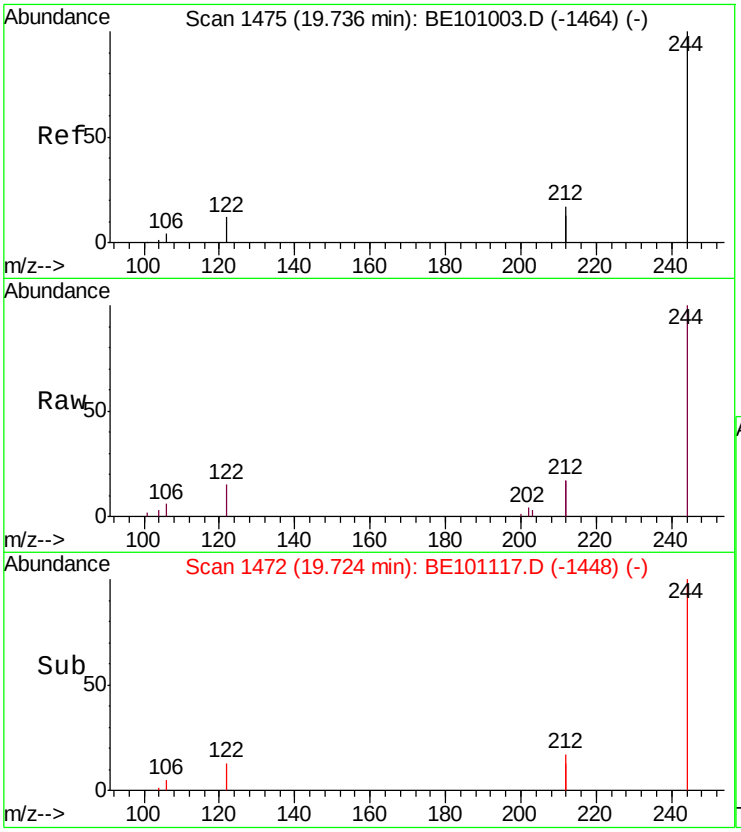




#28
Pyrene
Concen: 0.791 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:202 Resp: 48675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 17.0 | 25.4 |
| 203 | 18.3 | 13.8 | 20.6 |



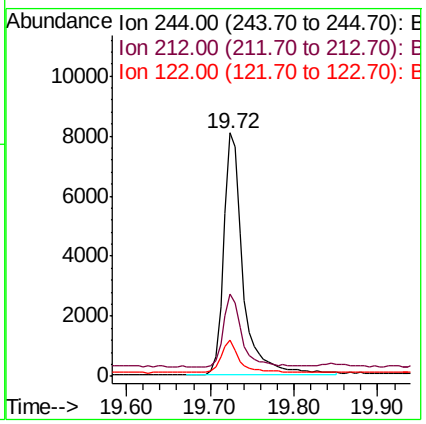


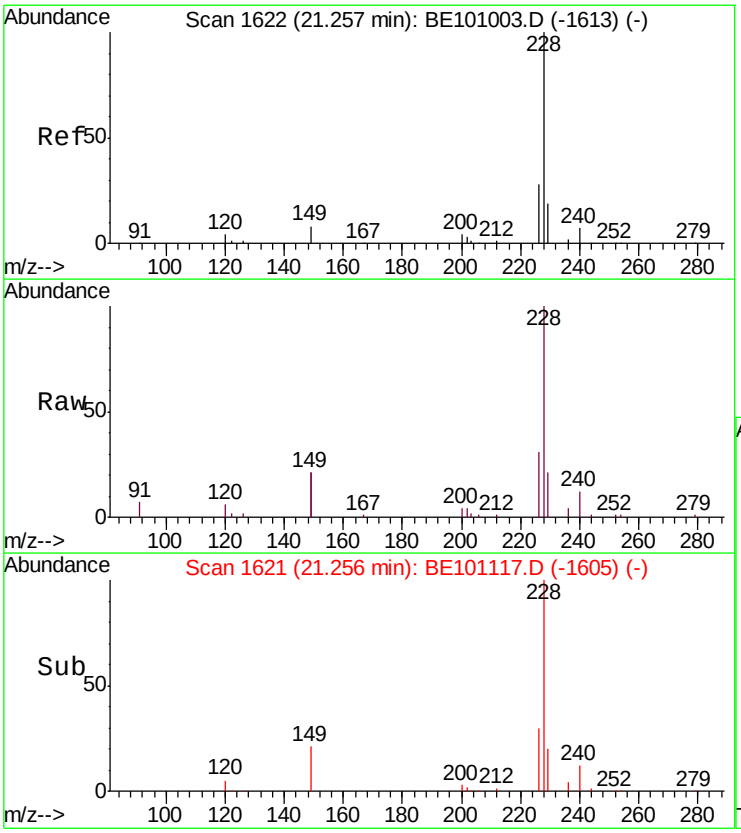

#29
Terphenyl-d14
Concen: 0.317 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:244 Resp: 12865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.0 | 27.2 | 40.8 |
| 122 | 14.8 | 9.8 | 14.8# |

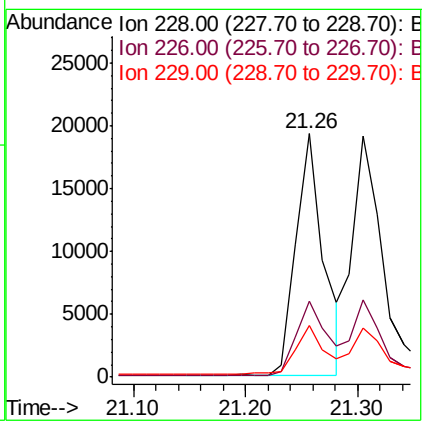


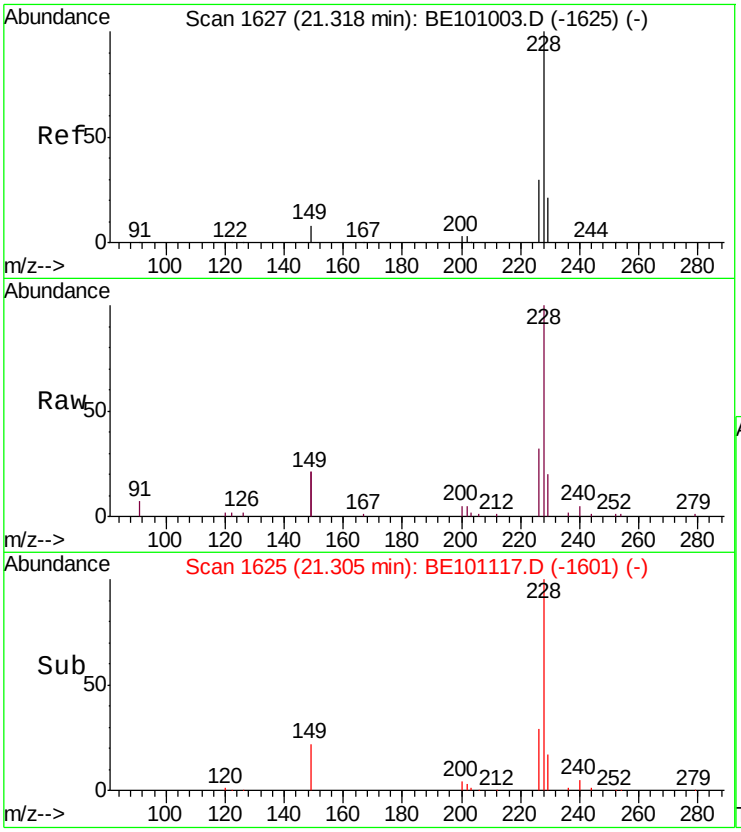




#30
Benzo(a)anthracene
Concen: 0.703 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:228 Resp: 33155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 22.7 | 34.1 |
| 229 | 21.0 | 15.5 | 23.3 |



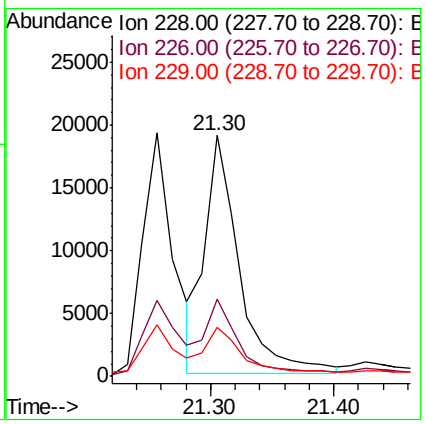


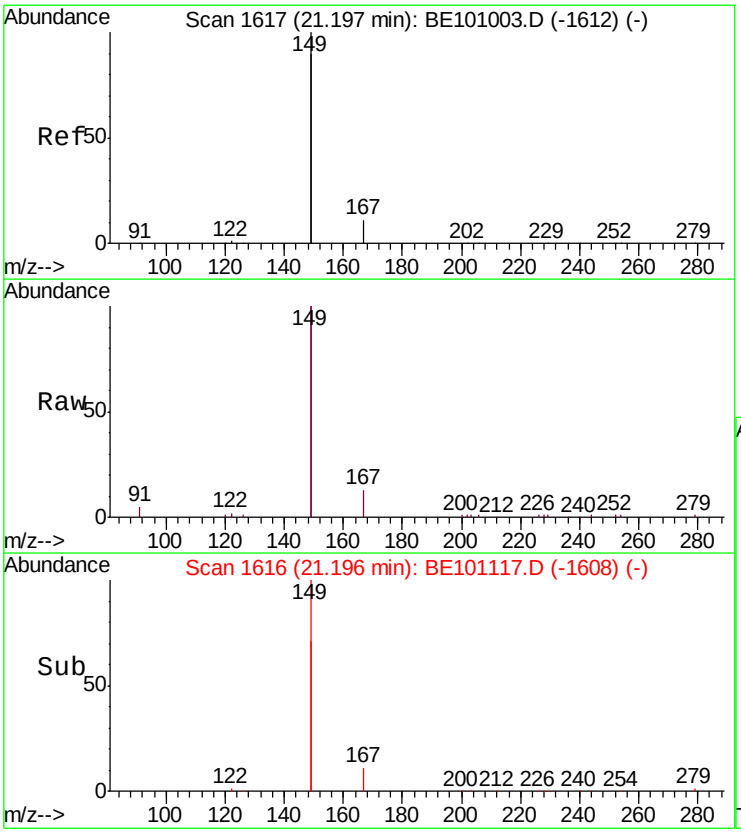

#31
Chrysene
Concen: 0.525 ng
RT: 21.30 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:228 Resp: 36800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.0 | 23.5 | 35.3 |
| 229 | 20.2 | 16.7 | 25.1 |

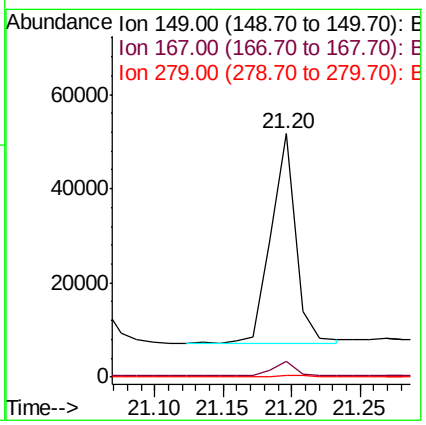


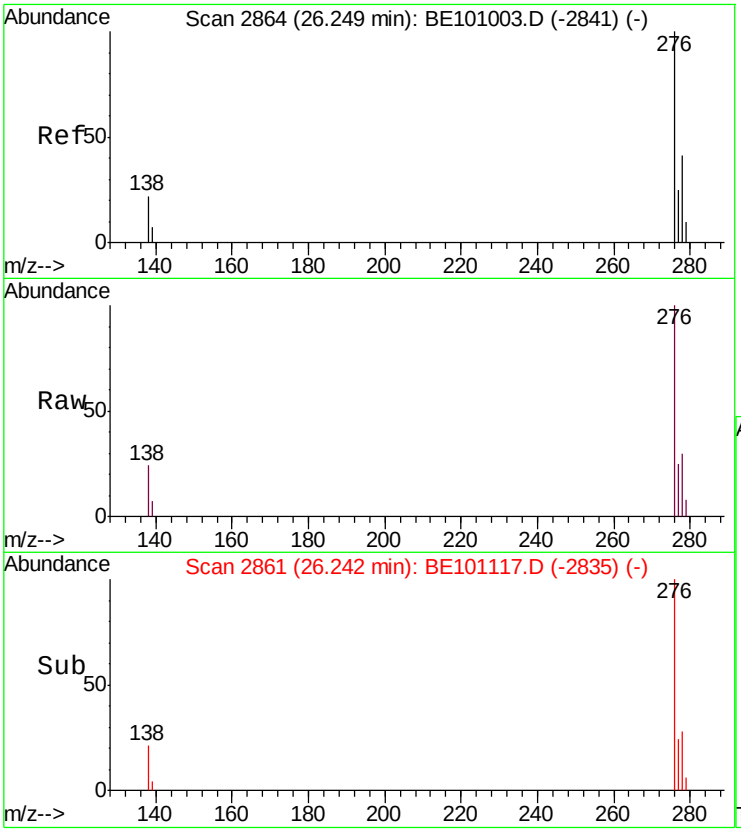




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.708 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:149 Resp: 55676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.1 | 5.2 | 7.8 |
| 279 | 0.8 | 0.8 | 1.2 |



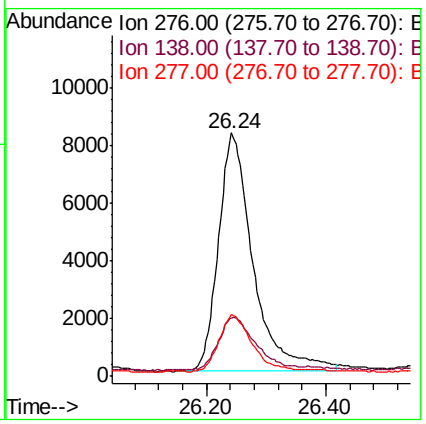


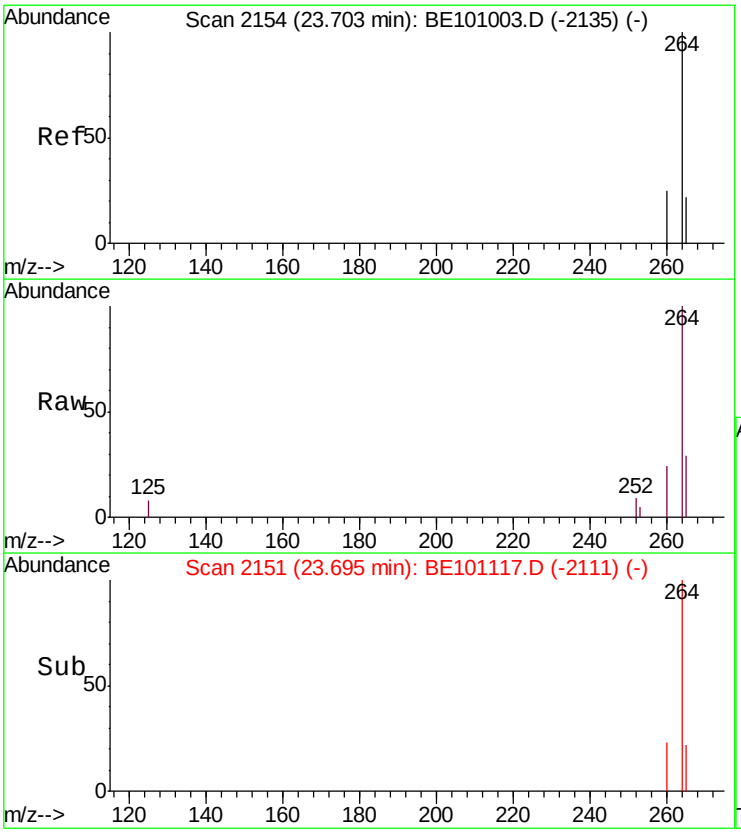

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.600 ng
RT: 26.24 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:276 Resp: 33262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.5 | 16.1 | 24.1 |
| 277 | 22.9 | 18.1 | 27.1 |

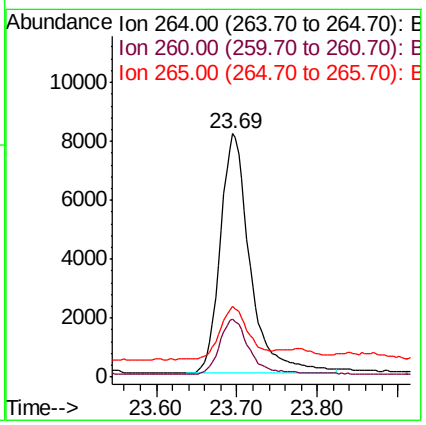


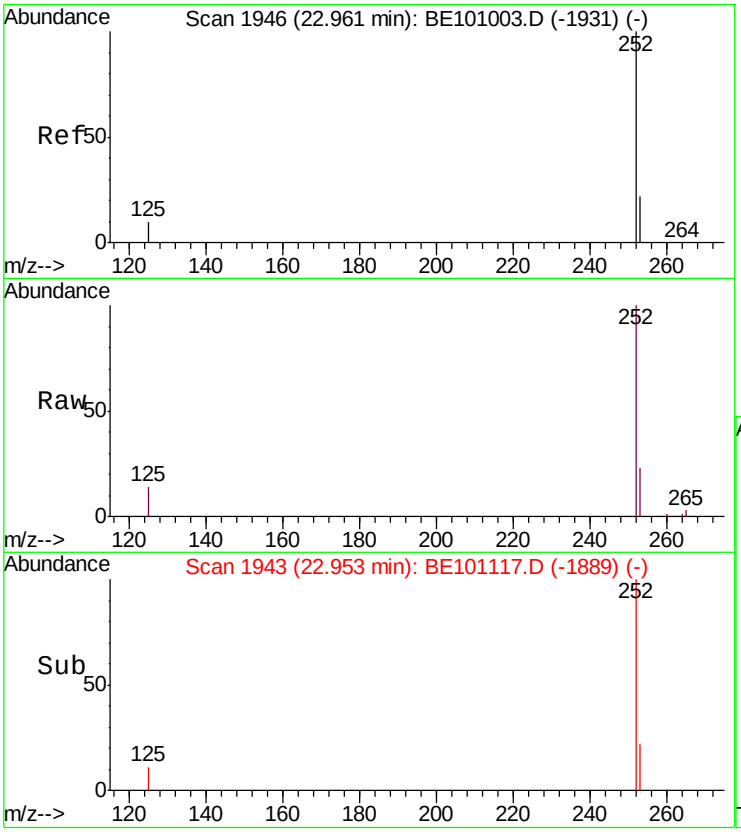




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:264 Resp: 20938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 20.3 | 30.5 |
| 265 | 28.9 | 27.0 | 40.4 |



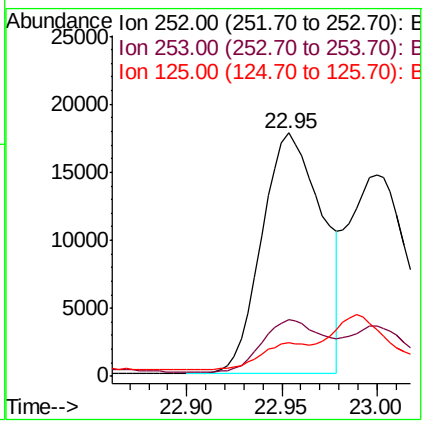


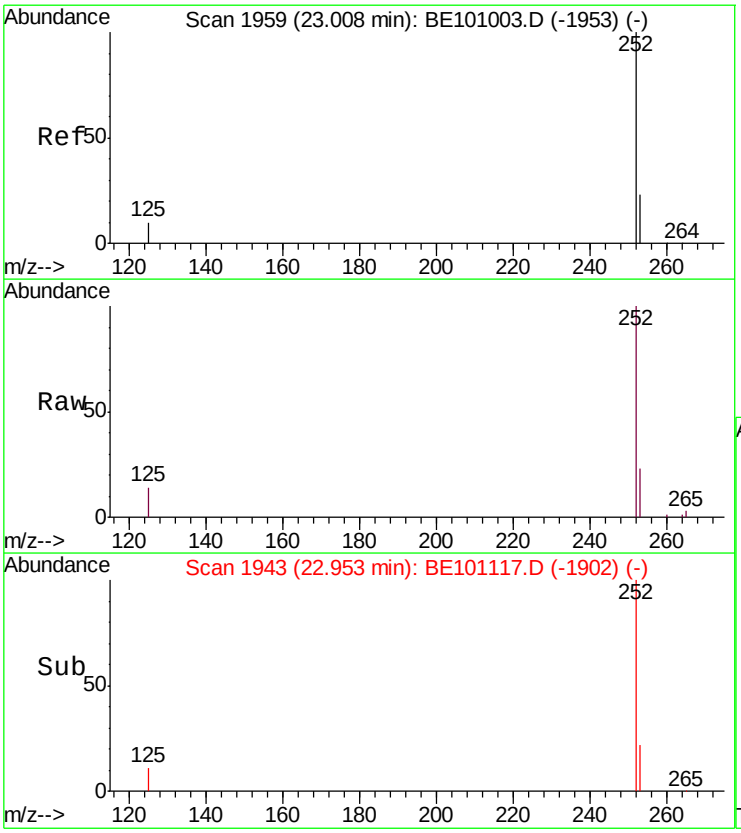

#35
Benzo(b)fluoranthene
Concen: 0.665 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:252 Resp: 39071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 18.5 | 27.7 |
| 125 | 13.8 | 9.5 | 14.3 |

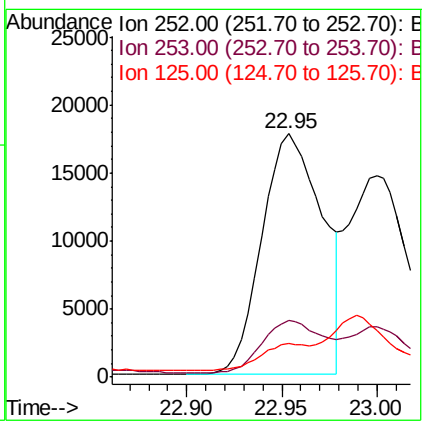


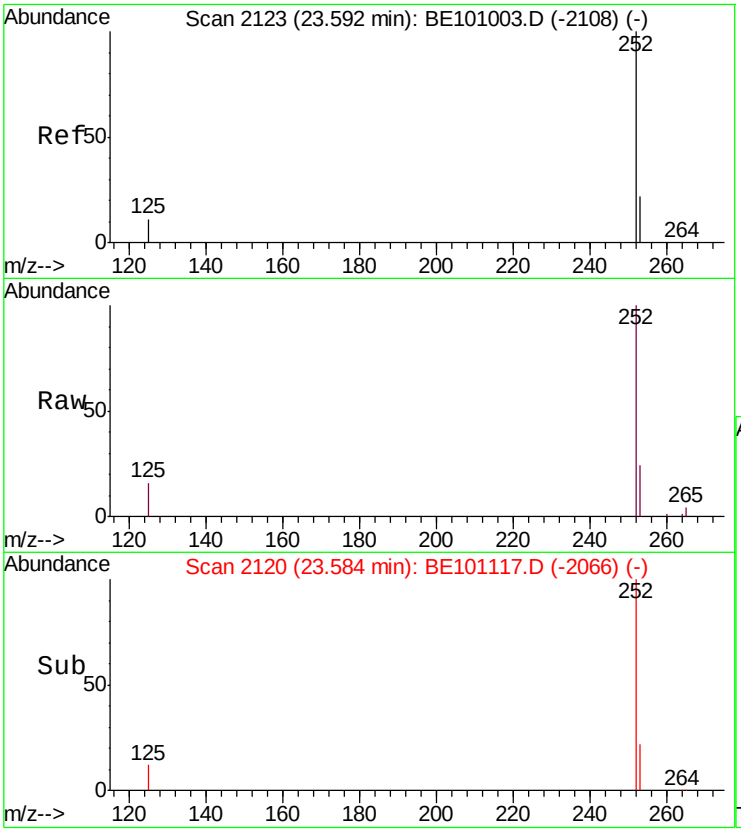




#36
Benzo(k)fluoranthene
Concen: 0.459 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:252 Resp: 39071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 18.9 | 28.3 |
| 125 | 13.8 | 10.1 | 15.1 |



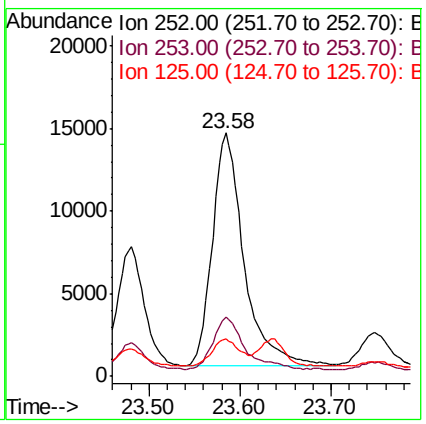


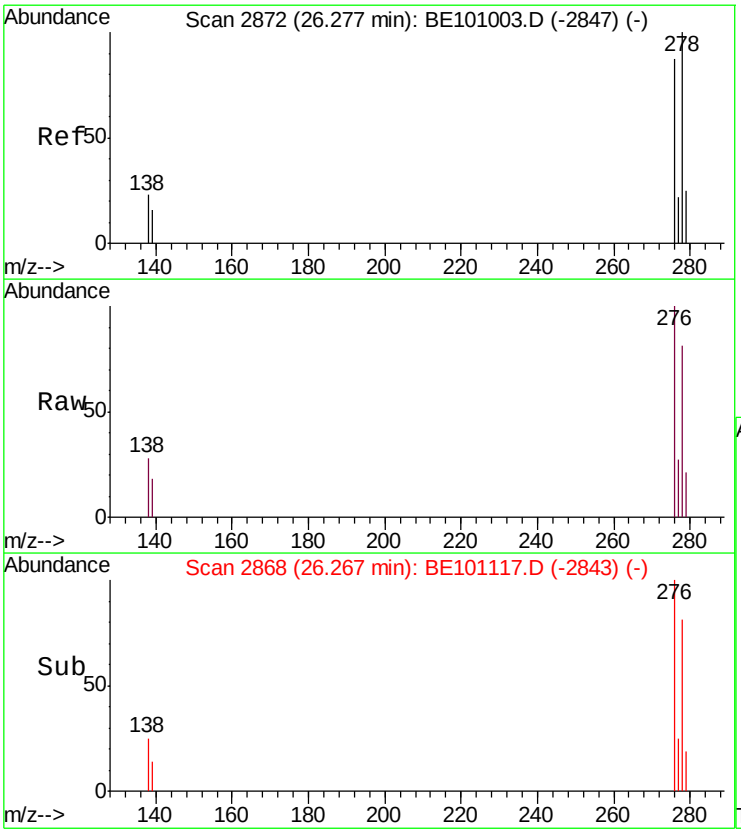

#37
Benzo(a)pyrene
Concen: 0.598 ng
RT: 23.58 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:252 Resp: 33966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 19.4 | 29.2 |
| 125 | 15.5 | 11.8 | 17.6 |

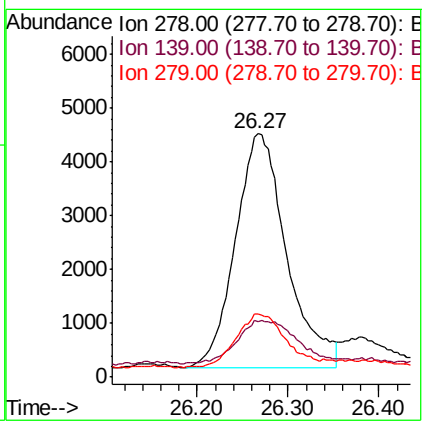


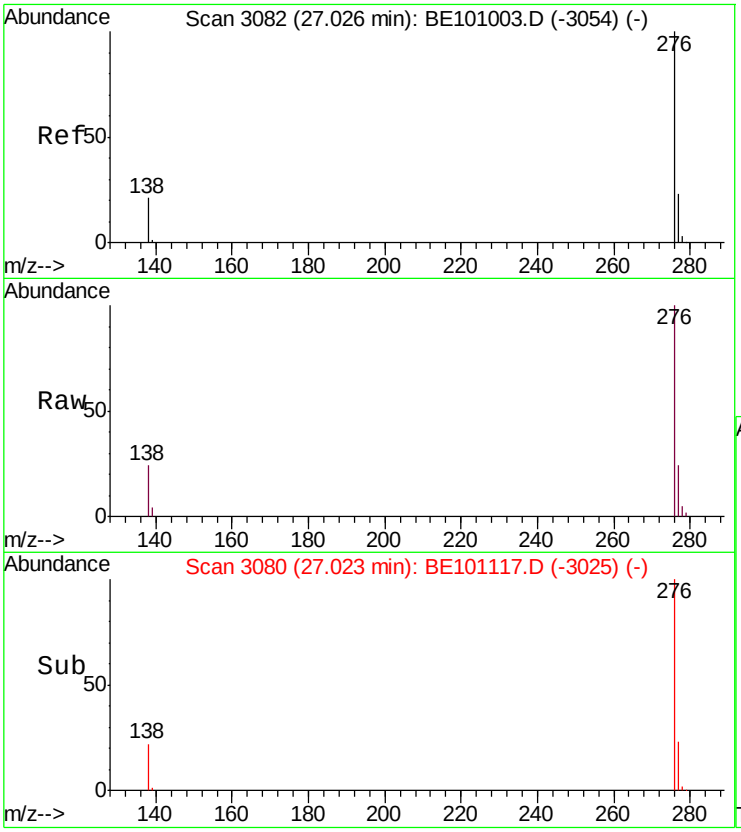




#38
Dibenzo(a,h)anthracene
Concen: 0.325 ng
RT: 26.27 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:278 Resp: 16985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.7 | 15.0 | 22.4# |
| 279 | 26.1 | 22.6 | 33.8 |






#39
Benzo(g,h,i)perylene
Concen: 0.514 ng
RT: 27.02 min Scan# 3080
Delta R.T. -0.00 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

**Instrument :**
BNA_E
**ClientSampleId :**
SB-29-(4-6)MS

Tgt Ion:276 Resp: 33033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.4 | 29.2 |
| 138 | 23.6 | 17.9 | 26.9 |